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From the collection of:

Alan O'Bright

## Specialists in Steel:

No individual or concern can successfully compete in business today, and stay in business, without furnishing full quality goods exactly as represented, giving immediate shipments and charging a fair, honest price for the service.

That we have succeeded is in no small measure due to our firm adherence to this policy.

There is, however, another feature of our organization and service which materially affects our relations with you, and which has been largely instrumental in the growth of our business.

That is, we are Specialists in Steel. We specialize in steel goods. Naturally our lines and assortments are more complete and dependable. It follows that quicker shipments are a fact rather than a promise. From your standpoint, it means greater attention paid by your source of supply to the items of proper investment, maximum turnover, and larger net profits for you, as well as when to buy and when not to buy. It means a closer co-operation for the greatest good of all. Only specialists in steel with a reputation for always giving the square deal can serve you in this way.

In the publication of this, the second edition of our catalog, we have made few changes. It will serve its purpose; namely, to give a complete reference to our products assisting you in the proper buying and selling of our line.

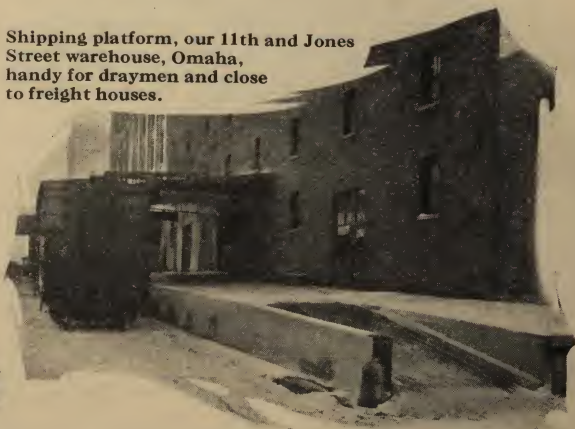
Net price lists are issued as prices change. Please detach the price list you find at the end of each section of the catalog, inserting the new price lists as they are received from us.

*Sincerely,*

STEEL AND WIRE DIVISION  
CONCRETE ENGINEERING COMPANY



Our Omaha plant located at 11th and Nicholas Streets, on Union Pacific tracks.



Shipping platform, our 11th and Jones Street warehouse, Omaha, handy for draymen and close to freight houses.

Come to see us when in Omaha at our office, 11th floor, Omaha National Bank Bldg. "The latch string is always out."

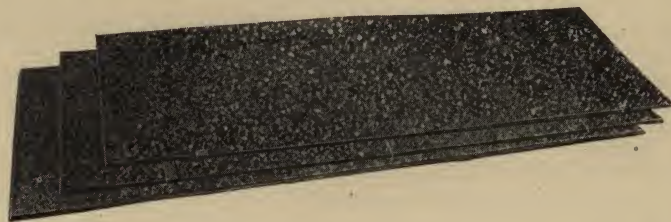


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# Sheet Metal Products

## BLACK AND GALVANIZED SHEETS



We handle and stock in Omaha, according to demand, a complete line in standard sizes and some special sizes, of One Pass Cold Rolled Box Annealed Sheets (commonly called Black Sheets) and Extra Soft Prime Galvanized Sheets, both made from Open Hearth Steel and rolled to full weight and gauge in accordance with United States Standard Gauge, and bundled in accordance with standard bundling tables. Our Galvanized Sheets are especially easy to work and are tightly coated with prime spelter.

Standard sizes are as follows:

**Black Sheets:** Gauges Nos. 12 to 30, inclusive: 24, 26, 28, and 30 inches wide, by 72, 84, 96, and 120 inches long. Gauges Nos. 14 to 28, inclusive, in addition to the foregoing, 36 inches wide by 96 and 120 inches long.

**Galvanized Sheets:** Gauges Nos. 12 to 30, inclusive, 24, 26, 28, 30, and 36 inches wide, by 72, 84, 96, and 120 inches long.

### Standard Extras For Size Apply on Other Sizes

Base prices applying on both Black and Galvanized Sheets are shown in our Net Price Lists. The following Standard Differentials for Gauge apply on these Base Prices:

Per 100 Pounds		
GAUGE	BLACK	GALVANIZED
10.....	\$0.35 under	\$1.00 under
11.....	.35 "	1.00 "
12.....	.35 "	.90 "
13.....	.30 "	.90 "
14.....	.30 "	.90 "
15.....	.25 "	.75 "
16.....	.25 "	.75 "
17 to 21.....	.20 "	.60 "
22 to 24.....	.15 "	.45 "
25 to 26.....	.10 "	.30 "
27.....	.05 "	.15 "
28.....	Base	Base
29.....	.10 above	.25 above
30.....	.20 "	.50 "

**Special Analysis Sheets:** Pure Iron and Copper Bearing Black or Galvanized Sheets can be furnished upon inquiry. The same is true of Blue Annealed Sheets, Deep Stamping and Drawing Sheets, Uniform Blue Stove Pipe Iron, etc.



We are Western Distributors of **ARMCO** Ingot Iron Sheets.



# Roofing and Siding

## 2½" AND SPECIAL 1¼" CORRUGATED IRON



Furnished only in prime sheets, full weight and gauge in the following sizes and gauges:  
26 inches wide, covering width 24 inches, lengths, 6, 7, 8, 9, 10, and 12 feet.

### 2½" AND SPECIAL 1¼"

### Weights per Square

#### GAUGE

#### GALVANIZED

#### PAINTED

29.....	77 pounds
28.....	85 "
26.....	98 "
24.....	124 "

.....	68 pounds
.....	83 "
.....	110 "

Table Showing Number of Squares in Corrugated Sheets 26 inches wide, covering width 24 inches. Areas shown are Selling Areas.

Number of Sheets											Number of Sheets										
	4 ft.	5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.	11 ft.	12 ft.	4 ft.		5 ft.	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.	11 ft.	12 ft.		
2	.18	.22	.26	.31	.35	.39	.44	.48	.52	26	2.26	2.82	3.38	3.95	4.51	5.07	5.64	6.19	6.76		
3	.26	.33	.39	.46	.52	.59	.65	.72	.78	27	2.34	2.93	3.51	4.10	4.68	5.27	5.85	6.44	7.02		
4	.35	.44	.52	.61	.70	.78	.87	.96	1.04	28	2.43	3.04	3.64	4.25	4.86	5.46	6.07	6.68	7.28		
5	.44	.55	.65	.76	.87	.98	1.09	1.20	1.30	29	2.52	3.15	3.77	4.40	5.03	5.66	6.29	6.91	7.54		
6	.52	.65	.78	.91	1.04	1.17	1.30	1.43	1.56	30	2.60	3.25	3.90	4.55	5.20	5.85	6.50	7.15	7.80		
7	.61	.76	.91	1.07	1.22	1.37	1.52	1.67	1.82	31	2.69	3.36	4.03	4.70	5.38	6.05	6.72	7.39	8.06		
8	.70	.87	1.04	1.22	1.39	1.56	1.74	1.91	2.08	32	2.78	3.47	4.16	4.86	5.55	6.24	6.94	7.63	8.32		
9	.78	.98	1.17	1.37	1.56	1.76	1.95	2.15	2.34	33	2.86	3.58	4.29	5.01	5.72	6.44	7.15	7.87	8.58		
10	.87	1.09	1.30	1.52	1.74	1.95	2.17	2.39	2.60	34	2.95	3.69	4.42	5.16	5.90	6.63	7.37	8.10	8.84		
										35	3.04	3.80	4.55	5.31	6.07	6.83	7.59	8.34	9.10		
11	.96	1.20	1.43	1.67	1.91	2.15	2.39	2.62	2.86	36	3.12	3.90	4.68	5.46	6.24	7.02	7.80	8.58	9.36		
12	1.04	1.30	1.56	1.82	2.08	2.34	2.60	2.86	3.12	37	3.21	4.01	4.81	5.62	6.42	7.22	8.02	8.82	9.62		
13	1.13	1.41	1.69	1.98	2.26	2.54	2.82	3.10	3.38	38	3.30	4.12	4.94	5.77	6.59	7.41	8.24	9.06	9.88		
14	1.22	1.52	1.82	2.13	2.43	2.73	3.04	3.34	3.64	39	3.38	4.23	5.07	5.92	6.76	7.61	8.45	9.30	10.14		
15	1.30	1.63	1.95	2.28	2.60	2.93	3.25	3.58	3.90	40	3.47	4.34	5.20	6.07	6.94	7.80	8.67	9.53	10.40		
16	1.39	1.74	2.08	2.43	2.78	3.12	3.47	3.81	4.16	41	3.56	4.45	5.33	6.22	7.11	8.00	8.89	9.77	10.66		
17	1.48	1.85	2.21	2.58	2.95	3.32	3.69	4.05	4.42	42	3.64	4.55	5.46	6.37	7.28	8.19	9.10	10.01	10.92		
18	1.56	1.95	2.34	2.73	3.12	3.51	3.90	4.29	4.68	43	3.73	4.66	5.59	6.53	7.46	8.39	9.32	10.25	11.18		
19	1.65	2.06	2.47	2.89	3.30	3.71	4.12	4.53	4.94	44	3.82	4.77	5.72	6.68	7.63	8.58	9.54	10.49	11.44		
20	1.74	2.17	2.60	3.04	3.47	3.90	4.34	4.77	5.20	45	3.90	4.88	5.85	6.83	7.80	8.78	9.75	10.72	11.70		
21	1.82	2.28	2.73	3.19	3.64	4.10	4.55	5.00	5.46	46	3.99	4.99	5.98	6.98	7.98	8.97	9.97	10.97	11.96		
22	1.91	2.39	2.86	3.34	3.82	4.29	4.77	5.25	5.72	47	4.08	5.10	6.11	7.13	8.15	9.17	10.19	11.20	12.22		
23	2.00	2.50	2.90	3.49	3.99	4.49	4.99	5.48	5.98	48	4.16	5.20	6.24	7.28	8.32	9.36	10.40	11.44	12.48		
24	2.08	2.60	3.12	3.64	4.16	4.68	5.20	5.72	6.24	49	4.25	5.31	6.37	7.44	8.50	9.56	10.62	11.68	12.74		
25	2.17	2.71	3.25	3.79	4.34	4.88	5.42	5.96	6.50	50	4.34	5.42	6.50	7.59	8.67	9.75	10.84	11.92	13.00		

# STEEL AND WIRE DIVISION

## 1 1/4" REGULAR AND 5/8" CORRUGATED IRON

We also furnish these styles in 25" width, covering width 24", and standard lengths, both painted and galvanized. The following weights apply:

1 1/4" Regular and 5/8" GAUGE	Weight per Square	
	GALVANIZED	PAINTED
29.....	81 pounds	.....
28.....	88 "	72 pounds
26.....	102 "	86 "
24.....	130 "	114 "

## CORRUGATED ELEVATOR SIDING

This style is furnished 26" wide by 32" long in the 2 1/2" and 1 1/4" corrugations. Both styles cover 24" and are laid with a 2" end lap and the nails are driven 2" above the upper edge of the lower sheets, thus allowing the sheets to slip 2" in every 32" as the sides of the elevator settle, so that buckling and pulling of nails is eliminated. The following weights per square apply:

GAUGE.	GALVANIZED		PAINTED	
	2 1/2"	1 1/4"	2 1/2"	1 1/4"
29.....	77 pounds	79 pounds	.....	.....
28.....	85 "	87 "	68 pounds	72 pounds
26.....	98 "	101 "	83 "	86 "
24.....	124 "	129 "	110 "	114 "

## LEAD WASHERS AND NAILS FOR APPLYING CORRUGATED ROOFING

(For complete information on Nails see pages 8A and 12A.)

We recommend standard lead washers with 5/32" holes, in conjunction with 1 1/4" galvanized barbed roofing nails for 1 1/4" corrugated roofing, and 1 1/2" nails of the same style for 2 1/2" corrugated roofing. They prevent rusting where the nail perforates the sheet. Order by the following table:

PER SQUARE	
Lead Washers.....	2/3 pounds
1 1/4" Nails.....	1 3/4 "
1 1/2" Nails.....	2 "

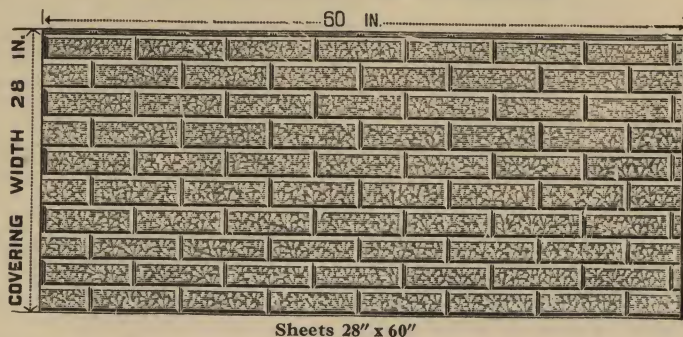
## OTHER STYLES OF ROOFING AND SIDING FURNISHED UPON SPECIAL INQUIRY

Pressed Standing Seam Roofing  
Corrugated Standing Seam Roofing  
Beaded Standing Seam Roofing  
Corrugated V-Crimp Roofing  
2-V Crimp Roofing  
3-V Crimp Roofing  
Roll Roofing—Self-Capping  
Roll and Cap Roofing

Weatherboard Siding  
Beaded Siding and Ceiling  
Crimped Beaded Ceiling and Siding  
Rock Face Brick Siding  
Rock Face Stone Siding  
Corners and Pilasters for Rock and Brick  
Face Siding.



## PLAIN PRESSED BRICK SIDING



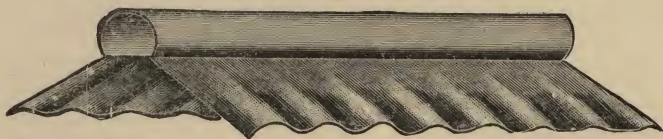
Sheets 28" x 60"

Furnished Painted and Galvanized. Nothing but Prime Sheets used. Following weights per Square apply:

GAUGE	GALVANIZED	PAINTED
29.....	71 pounds	
28.....	78 "	64 pounds
26.....	91 "	77 "

## TRIMMINGS FOR CORRUGATED ROOFING

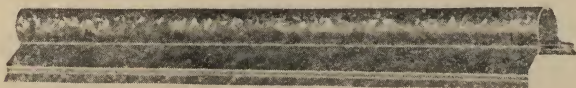
### Corrugated Ridge Roll



Furnished in 2½" and 1¼" Corrugations, and 26" and 120" lengths, girth 12". We also furnish upon special inquiry for both 2½" and 1¼" corrugated roofing:

**Corrugated End Wall Flashing**  
**Corrugated Side Wall Flashing**  
**Corrugated Gambrel Roof Joint**

## PLAIN RIDGE ROLL WITH NAILING FLANGE



Accurately formed of prime galvanized sheets, affecting a perfectly fitting, neat finish, for the ridge of the building. The nailing flange makes application easy and quick. Furnished in 10' lengths, crated or bundled, 25 pieces per bundle, in the following sizes:

7" girth, 1¼" roll  
 8" girth, 1½" roll  
 10" girth, 2 " roll



## GLOBE FINIALS FOR RIDGE ROLL

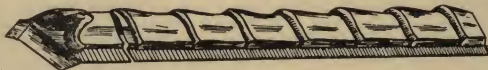
No solder is used in forming this Finial. The seams will not open and the Finial fits snug and true. Furnished for 1¼", 1½" and 2" ridge roll.



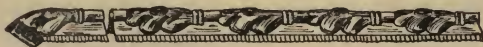
# STEEL AND WIRE DIVISION

## CONTINUOUS HIP SHINGLES

Formed accurately and easy to apply. They are more economical and much more attractive for the hip roof than ridge roll. Easier to apply than the individual hip shingle. Furnished galvanized in the two styles illustrated; shipped bundled, 250' per bundle. Style "A" is furnished in 5' lengths, Style "B" in 10' lengths; both styles have 5" girth.



"A"



"B"

## STARTERS FOR CONTINUOUS HIP SHINGLES

Continuous Hip Shingles are furnished with, or without Starters, according to your order. An installation of Continuous Hip Shingles without Starters presents an unfinished appearance which is objectionable. Starters should always be used.

## INDIVIDUAL HIP SHINGLES



Furnished galvanized or painted, in sizes suitable for either wood or slate shingles. They are more ornate and fit better than the plain strips. Packed 250 per box and furnished in the following sizes:

4"x 7" for wood

4"x 9" for wood

5"x 12" for slate

## GALVANIZED BUILDING CORNERS



Time and labor are saved by using building corners for either outside or inside corners in place of corner boards where lap or drop siding is used. A perfect corner is obtained without mitreing the siding; popular with carpenters. Furnished for lap siding 4" and 6" to the weather; packed in boxes 250 pieces per box, weighing approximately: 4"—100 pounds, 6"—120 pounds, per 1,000 pieces. Drop Siding Corners furnished 6" to the weather only.



## GALVANIZED BATTEN STRIPS

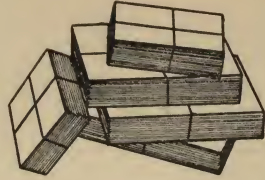
Batten Strips affect a strong, neat joint between board siding. They are nailed to the siding and will not warp or draw away, the bead in the center permitting expansion and contraction. They make any building wind, weather and rat proof. Used extensively on barns and for lining grain bins. Furnished in 6', 7', 8', 9', 10', and 12' lengths; crated 1000' per crate, weighing approximately 165 pounds per 1,000'.



+—2 1/4"—+

## FLASHING SHINGLES

Furnished 5"x7" in size, painted or galvanized. Packed 100 pieces per bundle, weighing approximately 11 pounds per bundle



## GALVANIZED WALL TIES



Furnished corrugated,  $\frac{3}{4}$ "x  $7\frac{5}{8}$ " in size, packed 1,000 pieces per box, weighing approximately 80 pounds. There are two styles, Standard as illustrated here, and the Veneer Type.

## TIN ROLL VALLEY

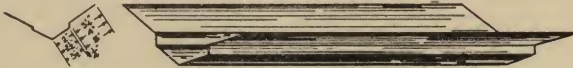
Made from prime sheets only. Used extensively for roofing, gutters and valleys. Furnished in 100' rolls, double cross locked, single cross locked and soldered, either painted or unpainted, in 8-lb., 15-lb., 20-lb., 30-lb., and 40-lb. coating, and in 10", 14", 20", and 28" widths. All valley furnished double cross locked, painted two sides, unless otherwise ordered.

## TIN FLASHING IN ROLLS

Furnished painted in 4", 6", and 8" widths, and 100' rolls.



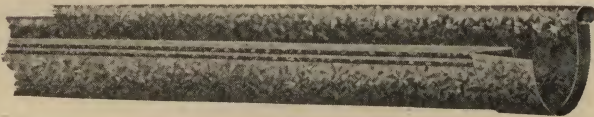
## GALVANIZED FORMED AND ROLL VALLEY



Made from prime galvanized sheets in 14" girth. Formed Valley is seamless, each piece 10' long, and packed 250' per crate. Roll Valley is furnished double cross locked, in rolls 100' long, both styles weighing approximately one pound per foot.

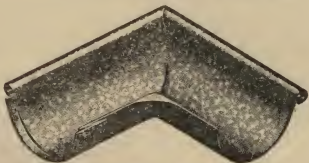
## GALVANIZED EAVES TROUGH

### Single Bead

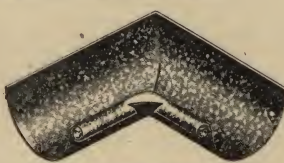


Made full girth, perfectly uniform and true, in either slip joint, or lap joint styles. Sizes are 3", 4", 5", 6", 7", and 8". All sizes are shipped in 10' lengths, crated 250' per crate. Furnished in Standard Gauge, 26-gauge or heavier.

## ONE-PIECE EAVES TROUGH MITRES



Outside Mitre



Inside Mitre

All sizes are furnished for either outside or inside corners, in either lap or slip joint standard size eaves trough. Perfectly galvanized, will not rust. In ordering, specify whether right or left hand is wanted, and whether for inside or outside corners.



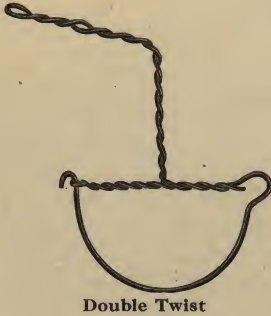
## STEEL AND WIRE DIVISION

### END PIECES, DROPS AND CAPS



Furnished complete, or separately, as indicated in the illustration, for standard sizes of eaves trough. Made accurately to fit properly. Tightly galvanized. Order by letter, giving exact quantity required.

### WIRE HANGERS FOR EAVES TROUGH



Double Twist

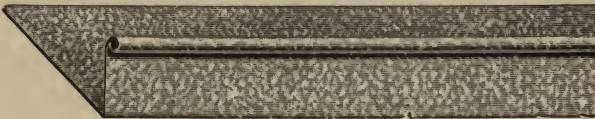
Made of heavy galvanized wire, packed either gross or half-gross lots in cartons. Furnished in double twist, triple twist, or extension styles, as illustrated, for standard sizes of eaves trough.



Extension Hanger

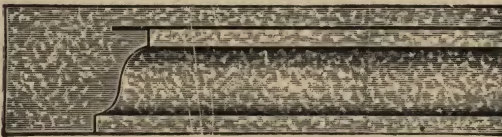
### GALVANIZED ROOF AND BOX GUTTER

The following styles are all furnished in 10' lengths, crated 250' per crate.



Style B

15", 20", and 24" girths



Style I

10", 12", 15", 18", 21" and 24" girths



Style J

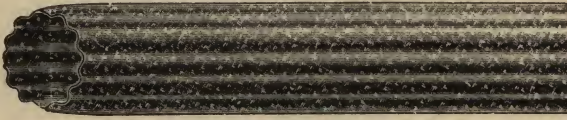
10", 13", 15", 18", 21" and 24" girths

### OTHER STYLES FURNISHED UPON INQUIRY

### ROOF GUTTER MITRES

Furnished in Styles B, I and J, in girths to match size of gutter ordered, and for both inside and outside corners.

## GALVANIZED ROUND CONDUCTOR PIPE



Corrugated Round

Made from open hearth galvanized sheets in 10' lengths, crated 250' per crate, in either corrugated round, or plain round styles in the following sizes: 2", 3", 4", 5", and 6" Furnished in Standard Gauge, 26-gauge or heavier.

## GALVANIZED SQUARE CORRUGATED CONDUCTOR PIPE



Corrugated Square

Furnished in 10' lengths, crated 250' per crate, in the following sizes: 2" ( $1\frac{3}{4}" \times 2\frac{1}{4}"$ ), 3" ( $2\frac{3}{8}" \times 3\frac{1}{4}"$ ), 4" ( $2\frac{3}{4}" \times 4\frac{1}{4}"$ ), and 5" ( $3\frac{3}{4}" \times 5"$ ). Furnished in Standard Gauge, 26-gauge or heavier.

## ELBOWS AND SHOES

### Galvanized after Forming



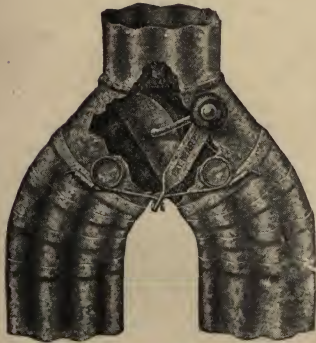
Elbow  
90°  
Angle

Made for plain or corrugated round and corrugated square conductor pipe in No. 0, 30°; No. 1, 45°; No. 2, 60°; No. 3, 75°; and No. 4, 90° in the Elbows, and 75° in the Shoes. Our Elbows and Shoes fit perfectly, are tightly galvanized after forming and will expand without breaking. Furnished in gauges to match pipe.



Shoe  
75°  
Angle

## CUT-OFFS



Regular

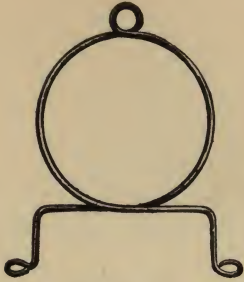
Made in two styles as illustrated. The regular Out-Off is furnished for the plain and corrugated round conductor pipe, and the corrugated square conductor pipe in standard sizes. Young's Cut-Offs are complete with strainers and are furnished only in the 3" and 4" sizes, for corrugated round pipe. Both styles are accurately formed and galvanized after manufacture.



Young's



## STEEL AND WIRE DIVISION



### GALVANIZED WIRE CONDUCTOR PIPE STRAINERS

Furnished in all sizes of round conductor pipe.

### "IWAN" WIRE CONDUCTOR PIPE HANGERS

A popular hanger, made of galvanized wire, for all sizes of round conductor pipe, packed 50 in a box.



For Brick

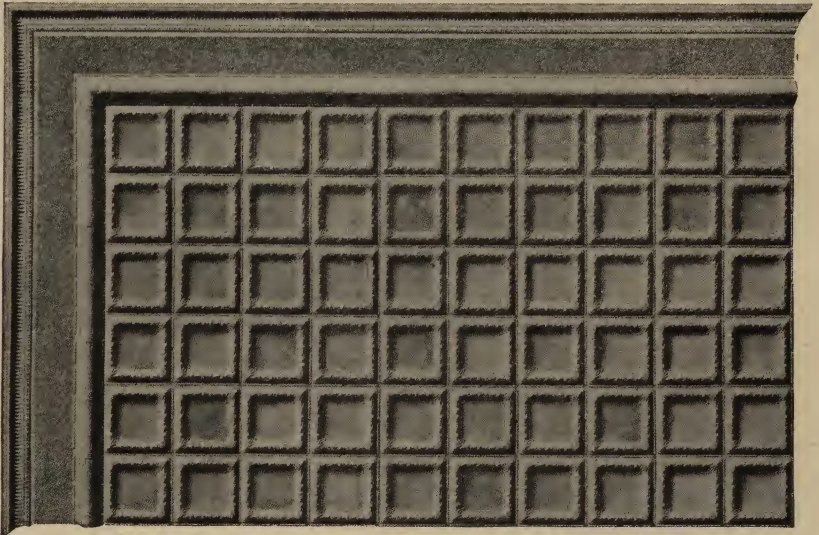
### GALVANIZED STEEL CONDUCTOR HOOKS

This is the strongest hook made. It will drive into any wood, brick or stone wall without breaking or bending. Furnished in two styles for wood and for brick walls in all standard sizes, for both round and square conductor pipe.



For Wood

### PERFECTION ORNAMENTAL EMBOSSED STEEL CEILINGS



French Design No. 5212

Composed of Cornice and Filler No. 3065A (depth  $5\frac{1}{2}$ ", projection 4", Mold No. 5048, Field Plate No. 5012.)

This is one of the many attractive styles. Send for our special Ceiling Catalogue, illustrating and describing styles suitable for every type of room and building. Submit plans or a sketch of your room or ceiling, and we will quote on your requirements, furnishing full erection drawings, and shipping ceiling, cornice brackets, etc., complete, ready for installation.

ORDER FROM OMAHA  
FAVORABLE FREIGHT RATES  
OUR STOCKS ARE DEPENDABLE  
OUR GOODS FULL QUALITY

## Two-Fisted Facts about Your Business and Ours:

1. The West is in the habit of depending on the East for Steel. WHY?
2. We send our orders to Illinois; Missouri, Ohio and still farther East. WHY?
3. Our goods receive rough handling by many railroads and finally arrive one to three weeks and longer after ordering. Our stocks must be larger; our turnover slower. WHY?

4. Our money goes East, when it might be building the West. WHY?

Why not depend on Omaha instead of the East?

Why not get your goods immediately, in good shape?

Why not cut down investment and speed up turnover?

Omaha shipment will do that.

And why not keep your money at Home? It will come back sooner.

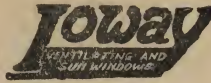
*Send Your Next Order to Us at Omaha. The High Quality of  
Our Goods, Our Immediate Shipment, and Our Prices  
Tell the Story. Let the West Serve the West.*

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ORDER FROM OMAHA

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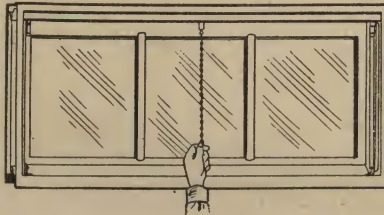


## All-Steel Basement Window

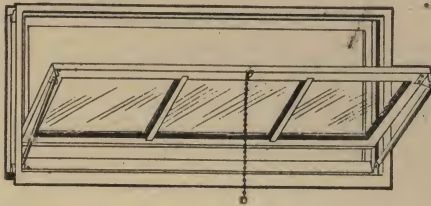
Almost every building needs the Ioway All-Steel Basement Window. In modern basements there is no substitute for it. Its special advantages are suitable for any type of structure.

Its all-steel construction gives it permanence. It will last as long as the building in which it is placed. With the Ioway Basement Window you need have no worry of shrinkage, rotting or warping. The Ioway retains its original shape year after year because the corners are dove-tailed and soldered.

This window is a sliding window, operating without hinges or hooks. Thus hinge - rusting, common in ordinary basement windows, is eliminated.



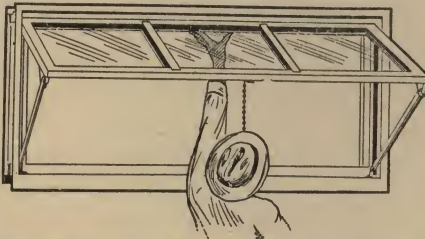
Operating the window is very simple. It is held shut by a spring lock to which a chain or wire may be attached if necessary.



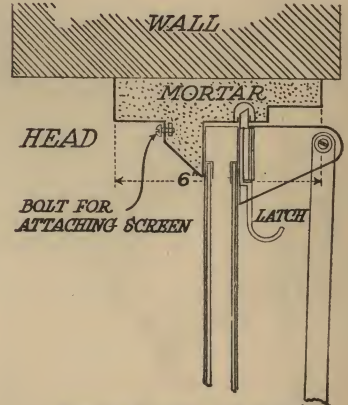
A pull on the chain releases the lock and the window falls into the position shown in the second illustration. It is

held firm in this position by the groove in the window jamb. In case you desire indirect ventilation, the window should be left this way.

The window is easily opened wide for full ventilation by simply pushing up the bottom of the sash. If there were any simpler way of opening a basement window, we would use it.

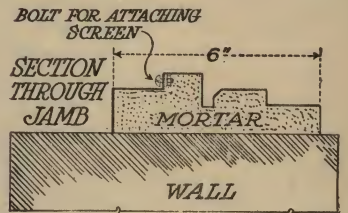


"IOWAY" basement windows are regularly made of Toncan or Armco galvanized iron.



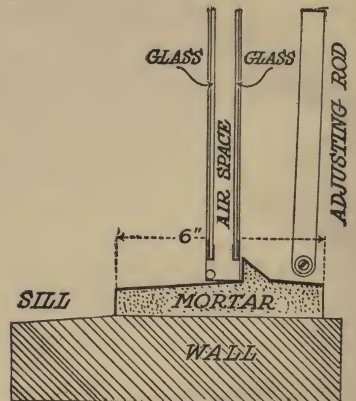
Cross Section of Head

This shows the deep stop inside top of sash and the automatic latch.



Cross Section of Jamb

This illustration shows groove in which sash slides. Note space to be filled with mortar.

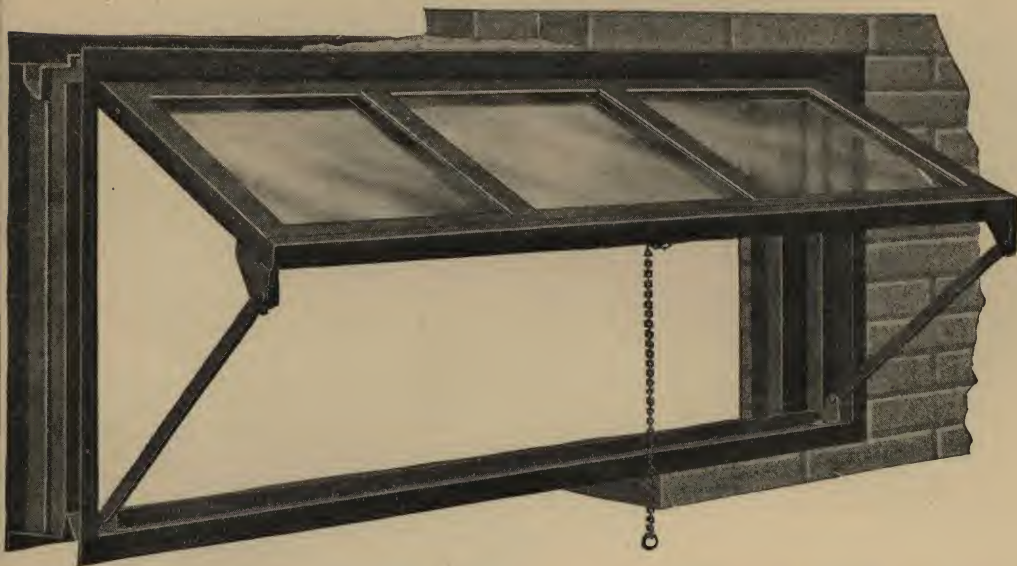


Cross Section of Sill

The bottom stop, shown in this illustration, keeps water out.



## All-Steel Basement Window



The Ioway all-steel basement window is the result of effort concentrated on building a window superior to any on the market.

The stop on the Ioway has been set inside the window so that rain cannot get in. Where this stop is on the outside, as on the ordinary basement window, rain comes in between the stop and the sash.

The Ioway opens and closes easily. A pull releases the spring catch at the top of the sash. The sash slides back, leaving an opening at the top of the window. The sash may be left in this position to give indirect or overhead ventilation, or it may be opened to give direct ventilation, simply by pushing up.

If the window is opened for overhead ventilation, it need not be closed in case a shower comes up. The position of the window—open at the top, nearly closed at the bottom—keeps rain from blowing in.

The Ioway is the only window that permits use of double panes with a single sash. This makes a storm sash unnecessary, as the panes, with air space intervening, give twice the resistance to cold. When the double pane is not desired it may be removed.

The Ioway fits every type of foundation. It may be quickly installed in a brick, tile, wooden, concrete or cement-block wall. The outside of the wall extends over the frame, which is six inches wide. In this way, rain is kept from seeping in around the frame.

Ioway windows require no putty. Panes are easily slid into special grooves and are held firm by a crown that fits over the top. The frame comes prepared for the insertion of screens.

Since the Ioway is a sliding, not a swinging window, it remains steady in any position. It cannot bang shut, breaking the glass.

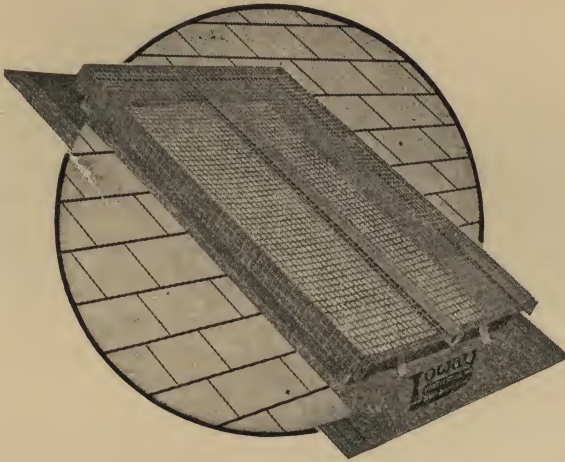
Ioway windows are shipped completely assembled, ready for inserting the glass and placing in the wall.

### STOCK SIZES AND PRICE LIST

Stock No.	No. of Lights	Size of Glass	Opening	Price
				Without Glass
320	3L	12x20	41x24	\$5.50
326	3L	12x16	41x20	5.25
300	3L	10x20	36x24	5.25
304	3L	10x14	36x18	4.90
302	3L	10x12	36x16	4.75
392	3L	9x12	32x16	4.25
240	2L	14x20	32½x24	4.50
204	2L	10x14	24½x18	4.00
202	2L	10x12	24½x16	3.75



## The "IOWAY" Sun Window



No. 1

Where light is wanted, but ventilation is secured by other means, the "IOWAY" Sun Window is the thing to use. This window is standard size for two panes of glass, each 10x28 inches. Fits two-foot rafters. Frame is galvanized iron with 4¼-inch flashing on the sides and bottom and a 6-inch flashing on top. The corners are not only soldered, but are firmly riveted as well.

This window gives you the advantage of special "IOWAY" features. The "IOWAY" Water Shed, one-piece Center Rail, Drain Groove and Metal Glass Clips. You will appreciate these metal clips when you realize how they simplify the

work of glazing a window. What it would take you a half-hour to do with putty you can do in a half-minute with these special clips.

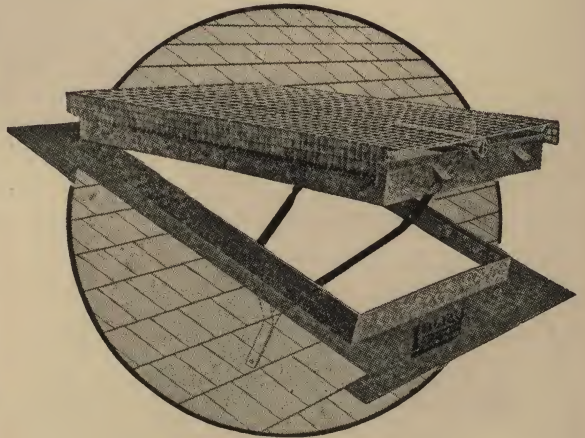
This same window made double wide, taking four glass each 10x28 inch.

Price, No. 1 Windows (2-lts. 10x28)-----	\$2.50
Price, No. 3 Windows (4-lts. 10x28)-----	4.75

## The "IOWAY" Roof Ventilating Window

You can get sunlight and ventilation at the same time by means of the "IOWAY" Roof Ventilating Window. This window is similar to the "IOWAY" Sun Window No. 1, but it is constructed so as to be opened whenever necessary.

The particular feature of this window is the opening device. This is a wish-bone iron with the center of each side of the wish-bone fastened to the window frame by a pivot. The ends of the iron slide along the sash so that when a rod is pulled down, the ends of the wish-bone iron move back, raising the window. These ends will slide back past center so that the window can not blow shut.

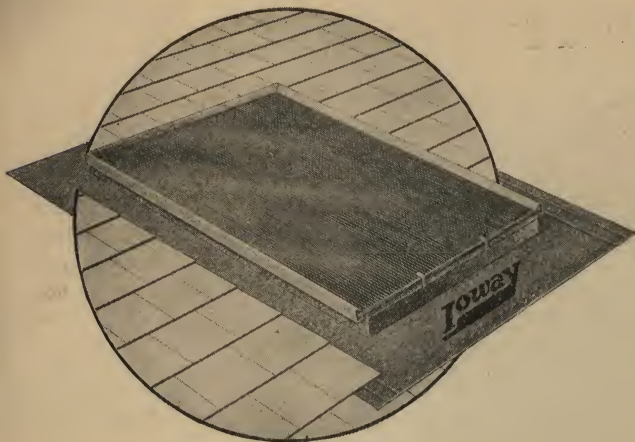


No. 2

This pull rod is long enough so that the window is easy to operate from the floor of the hog house. This does away with the need of ladders or long poles to open and close the window. The upper sash fits down over the lower frame. This, in addition to the other "IOWAY" special draining features, makes the window water-proof.

Price, No. 2 Window, including pull rod-----	\$4.00
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Priced without glass—shipping weight, six No. 1, 60 lbs.; six No. 2, 85 lbs.



No. 11

## The "IOWAY" Single-Light Window

Takes one heavy glass, 24x28 inches. Made for the builder who wants to use ribbed glass. For this reason we make this window without the wire screen. Ordinarily we recommend the plain glass windows because they admit more pure sunlight and more heat. This window is also made to accommodate 1 glass 18x28 inches.

Price, No. 11 Window (1-lt. 24x28) ; without glass-----	\$2.40
Price, No. 11-A Window (1-lt. 18x28) ; without glass-----	2.40
Price, No. 11 Window (1-lt. 24x28) ; with ribbed glass-----	4.25
Price, No. 11-A Window (1-lt. 18x28) ; with ribbed glass-----	4.15

## "IOWAY" Twin Window

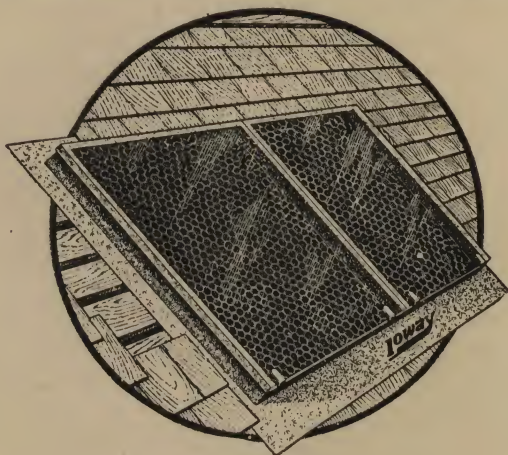
As the illustration shows, this window is similar in construction to the No. 11 Window, except that it uses two panes, 24x28 inches, instead of one. The illustration shows wired glass, but ribbed regularly furnished, unless otherwise specified.

Price, No. 12 Window (2-lt. 24x28) ;  
without glass -----\$4.00

Price, No. 12 Window (2-lt. 24x28) ;  
with ribbed glass----- 7.50

Approximate shipping weight for Six No. 11 or 11-A frames, 50 lbs.; No. 12 frames, 75 lbs.

Approximate shipping weight for 12, 24x28 ribbed glass, boxed, 180 lbs.



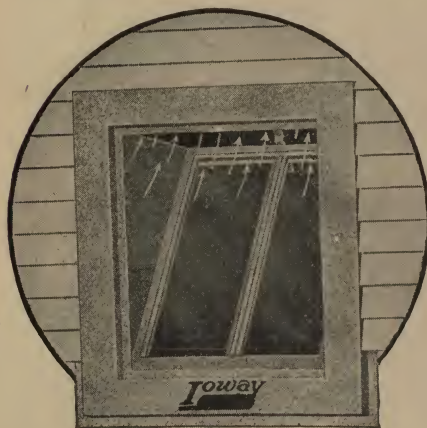
No. 12

## "IOWAY" Indirect Ventilating Window

This window provides a good supply of fresh air and yet absolutely protects stock from drafts. It is a good plan to have one of these windows in any building where fresh air is constantly needed, as it can be used at times when heavy winds would make other ventilating methods dangerous.

Opening from the top, this window is regulated by a three-notch bar which rests on the top sash and holds the window firm in any of four positions. Space between the jamb and the sash of the window when opened is covered by a triangular galvanized sheet which keeps air from getting in anywhere except at the top.

This window takes two panes, each 10x24 inches.



No. 21

Price, No. 21 Window, for drop siding-----	\$3.00
Price, No. 22 Window, plain-----	2.75





## "IOWAY" Style F Cupola

This cupola moderately priced and designed, but built with the same base, the same strength and even lines as Style D. This cupola is intended for use more especially on sheds, chicken houses, and on hog houses in combination with "IOWAY" roof windows. These cupolas are finished with any animal vane the buyer specifies. Regularly made in the following sizes:

Stock No.	Base Measurements	Flue	Price
1 -----	20 in. sq.	12"	\$ 9.50
2 -----	24 in. sq.	16"	12.00
3 -----	27 in. sq.	18"	14.00
4 -----	30 in. sq.	20"	17.00

Approximate shipping weight for 2 No. 1 Cupolas, 80 lbs.

Approximate shipping weight for 2 No. 2 Cupolas, 125 lbs.

Approximate shipping weight for 1 No. 3 Cupola, 60 lbs.

Approximate shipping weight for 1 No. 4 Cupola, 70 lbs.



## "IOWAY" Revolving Cupolas

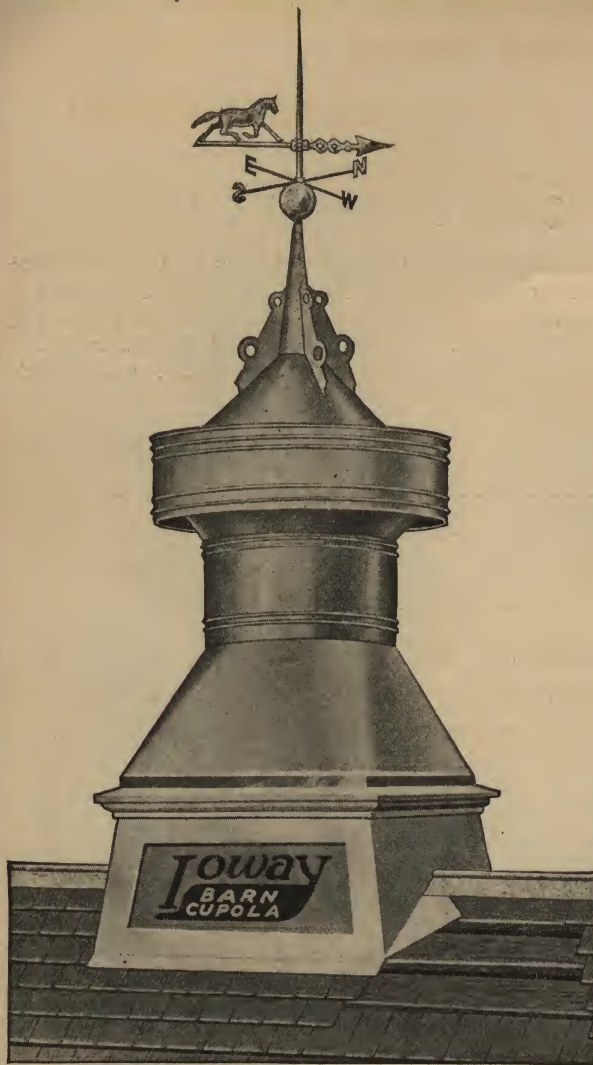
This revolving cupola works on a pivot bearing, sensitive to the lightest breeze. The funnel is always held to the wind by the cone.

This revolving cupola will increase the movement of foul air from the building about 10% or 15%. The ventilator is built with an 18x18 inch base, revolving flue 12 inches in diameter. This ventilator is built of the same heavy, galvanized steel as other "IOWAY" ventilating cupolas.

Price, each ----- \$9.00

Shipping weight of 2 cupolas about 50 lbs.

Prices on other sizes quoted on application.



## "IOWAY" Style A Ventilating Cupola

This cupola is built on a heavy wood frame with four diagonal braces to give it strength. Wood frames, where properly protected from the weather, are the best frames that can be built. Wood frames have no bolts and rivets for the weather and wind to loosen. This eliminates the unpleasant creaking found in many barn cupolas.

The top part of this cupola fits down straight over the top edge of the frame, and is secured by galvanized, bradded nails. The flue is screened so that the birds cannot get in.

In painting, the best priming coat is used, followed by a silver coat. This gives the cupola a finish that will last for years. When desired, we can paint the corner mouldings in bright American red. The buyer has the choice of any animal vane. Compass vanes or other extras are furnished at cost.

These ventilators come in the following sizes:

Stock No.	Base-Flange	Moulding	Ventilating Flue	Approx. Height	Price
040	40" sq. to 46" sq.	48" sq.	27"	11'	\$55.00
044	44" sq. to 54" sq.	54" sq.	30"	12'	60.00
054	54" sq. to 60" sq.	62" sq.	36"	14'	72.00
060	60" sq. to 66" sq.	68" sq.	40"	15'	82.00

This same cupola made with a square base in the same sizes at the same prices.

Shipping weight ONE—No. 040, 165 lbs.—No. 060, 340 lbs.

Shipping weight ONE—No. 240, 50 lbs.—No. 360, 125 lbs.



## "IOWAY" Style D Cupola

This is a sturdy cupola for general use. It will do the same work as the "IOWAY" Style A Cupola, but is not so large. It has no wood frame or moulding.

Regularly made in the following sizes:

Stock No.	Base Measurement	Flue	Price
240	24 in. sq.	16"	\$18.00
270	27 in. sq.	18"	23.00
300	30 in. sq.	20"	26.00
360	36 in. sq.	24"	29.00

Choice of any animal vane. Add \$1.25 for silver finish. Also furnished with a round or diagonal base.



# CONCRETE ENGINEERING CO., OMAHA

## STEEL AND WIRE DIVISION

### Dealers Net Price List on Sheet Metal Products

(Covers Pages 3 to 18 of our Catalogue)

Subject to Change Without Notice

April 21, 1924

#### Flat Galvanized Sheets:

F.O.B. OMAHA

Base price per Cwt., for 28-gauge ..... Less than 10 bdl. \$6.25  
More than 10 bdl. 6.15

(See Catalogue for standard extras for gauge and size.)

#### Flat Black Sheets:

Base price per Cwt., for 28-gauge (same quantity prices as galvanized) \$5.50  
(See Catalogue for standard extras for gauge and size.)

#### Armco Ingot Iron: Galvanized Sheets

Base price per Cwt., for 28-gauge ..... \$8.00

#### Corrugated Sheets:

F.O.B. OMAHA

26" wide, 6-10' long, Galvanized Painted  
Prices per Square, 29-ga., 2½" corrugation, ..... \$5.05 \$....  
28-ga., 2½" corrugation, ..... 5.35 3.90  
26-ga., 2½" corrugation, ..... 5.90 .....  
10 squares or more, 10c per square less

Add 10c per square for 1¼" corrugated sheets, 26" wide, 6-10' long.  
Add 25c per square for 1¼" corrugated sheets, 25" wide, 6-10' long.  
Add 25c per square for 5/8" corrugated sheets, 25" wide, 6-10' long.  
Add 10c per square for 2½" corrugated elevator sheets, 26" wide, 32" long.  
Add 35c per square for 1¼" corrugated elevator sheets, 25" wide, 32" long.  
Add 10c per square for twelve foot lengths in all styles.

#### Lead Washers and Nails:

F.O.B. OMAHA

Standard washers, 5/32" holes, per lb. .... \$0.17  
1¼" galvanized nails, per lb. .... .09  
1½" galvanized nails, per lb. .... .09

#### Pressed Brick Siding: Sheets 28"x 60"

Galvanized Painted

29-gauge, prices per square ..... \$5.15 \$....  
28-gauge, ..... 5.45 4.00

#### Corrugated Ridge Roll:

F.O.B. OMAHA

2½" and 1¼" styles, Galvanized, prices per 100' ..... \$7.50  
2½" and 1¼" styles, Painted, ..... 7.00

#### Plain Round Galvanized Ridge Roll, Bundled:

7" girth, 1½" roll, prices per 100' ..... \$3.55  
8" girth, 1½" roll, ..... 4.10  
10" girth, 2" roll, ..... 4.85

#### Globe Finials for Ridge Roll:

1¼" and 1½" roll, price per dozen ..... \$2.00  
2" roll, price per dozen ..... 2.50

#### Galvanized Continuous Hip Shingles:

Style A, prices per 100' ..... \$2.60  
Style B, ..... 2.60  
Starters for same, price per 100 ..... 3.50

#### Individual Hip Shingles:

4"x 9" painted, prices per 1,000 ..... \$17.95  
4"x 9" galvanized, ..... 19.70

#### Galvanized Building Corners: Inside or Outside.

Lap Siding, 4" to weather, prices per 1,000 ..... \$11.00  
Lap Siding, 6" to weather, ..... 13.25  
Drop Siding, 6" to weather, ..... 14.50

#### Galvanized Batten Strips: Price per 1,000'

\$13.00

#### Flashing Shingles:

F.O.B. Omaha

5"x 7" painted, prices per 1,000 \$12.75  
5"x 7" galvanized, ..... 15.40

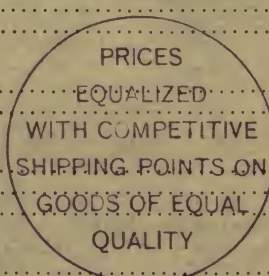
#### Tin Roll Flashing:

4" painted, price per 100'.. \$2.00  
6" painted, ..... 2.80  
8" painted, ..... 3.80

#### Galvanized Wall Ties:

Less than 10,000, prices per 1,000 ..... \$2.40  
More than 10,000, ..... 2.00

TERMS—2% FOR CASH WITHIN 10 DAYS, DUE NET 30 DAYS





**Painted Tin and Galvanized Valley:**

	F.O.B. OMAHA			
	PAINTED TIN 8lb COATING		GALVANIZED	
	10" Girth	14" Girth	20" Girth	14" Girth
Roll Valley, price per 100'	\$4.30	\$5.70	\$8.60	\$7.50
Formed Valley, price per 100'				7.50

**Galvanized Eaves Trough:**

	Lap		Slip
	26-Ga.	Std. Ga.	Std. Ga.
Single Bead			
4", prices per 100'	\$5.80	\$4.20	\$4.45
5",	6.55	5.00	5.25
6",	7.90	6.05	6.55

**Galvanized Eaves Trough Mitres:**

	Inside or Outside:	Lap	Slip
4", prices per dozen		\$2.10	\$2.70
5",		2.40	3.00
6",		3.00	3.60

**Galvanized End Pieces, Drop and Caps:**

	"A"	"B"	"C"
4", prices per dozen	\$2.50	\$0.72	\$0.90
5",	2.75	.82	.97
6",	3.30	.97	1.15

**Wire Hangers for Eaves Trough:**

	4"	5"	6"
Double Twist, prices per gross	\$2.20	\$2.40	\$2.80
Extension,	2.35	2.75	3.20

**F.O.B. OMAHA**

**Galvanized Roof and Box Gutter:**

Styles B, I and J	
15" girth, prices per 100'	\$8.75
20" girth,	11.85

**Galvanized Square Conductor Pipe:**

2", prices per 100'	\$5.40
3",	6.10
4",	7.90
5",	9.70

**Galvanized Round Conductor Pipe, not nested: Plain or Corrugated.**

	26-Ga. Std. Ga.			26-Ga. Std. Ga.	
2", prices per 100'	\$6.85	\$4.70	5", prices per 100'	\$12.25	\$9.00
3",	7.55	5.40	6",	14.40	10.80
4",	10.10	7.20			

**Wire Conductor Pipe Strainers:**

2", prices per dozen	\$0.90
3",	1.20
4",	1.80
5",	2.10
6",	2.40

**Iwan Conductor Pipe Hangers:**

2", prices per 100	\$1.50
3",	1.90
4",	2.25
5",	2.65
6",	3.00

**Elbows and Shoes for Conductor Pipe:**

Round, Plain or Corgt'd:	ELLS		SHOES		Square, Corrugated:	ELLS		SHOES	
	26-Ga.	Std. Ga.	Std. Ga.			26-Ga.	Std. Ga.	Std. Ga.	
2", prices per doz.	\$2.16	\$1.26	\$1.68		2", prices per dozen	\$2.40		\$3.00	
3",	2.59	1.51	2.02		3",	3.00		3.60	
4",	4.32	2.52	3.15		4",	3.90		4.80	
5",	9.00	5.25	6.30		5",	6.00		7.50	
6",	10.80	6.30	7.56						

**F.O.B. OMAHA**

**Cut-Offs for Plain or Corrugated Round or Corrugated Square Conductor Pipe:**

	Corrugated Round	Plain Round	Corrugated Square
2", prices per dozen	\$4.50	\$4.20	\$8.00
3",	4.80	4.80	10.00
4",	6.80	6.80	14.00
5",	12.00	12.00	
6",	14.40	14.40	

**Young's Cut-Offs for Round Conductor Pipe:**

3", prices per dozen	\$11.00
4",	12.00

**Galvanized Steel Conductor Hooks:**

	For Wood	For Brick
For Round Pipe, 2", prices per 100	\$2.40	\$3.20
For Round Pipe, 3",	4.00	4.80
For Round Pipe, 4",	5.60	8.00
For Round Pipe, 5",	8.80	12.00
For Round Pipe, 6",	12.80	14.40
For Square Pipe, 2",	4.00	4.80
For Square Pipe, 3",	5.60	8.00
For Square Pipe, 4",	8.80	12.00

**Ioway Ventilating and Sun Windows**

**Ioway All Steel Basement Windows**

**Ioway Cupolas**

30% from List Prices quoted in our Catalogue

Full Freight Allowed

**Solder**

**Sheet Zinc**

**Sheet Copper**

Market Prices quoted upon inquiry

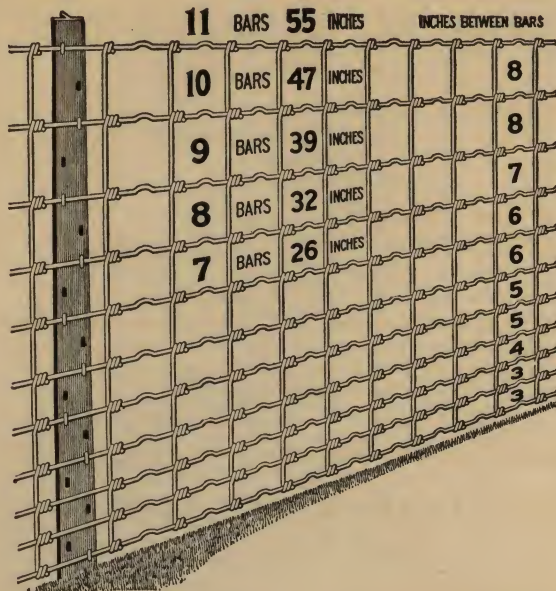
**CRATING CHARGES**

When necessary to crate less than 250' to insure delivery in good condition, crating will be charged at cost.

TERMS—2% FOR CASH WITHIN 10 DAYS, DUE NET 30 DAYS



# Monarch Hog and Field Fence



## THE FENCE WITH A PERFECT HINGE

Monarch is our cut stay, or hinge joint type of hog and field fence. It is scientifically constructed from the very best grade of open hearth steel and meets every requirement of this type of woven wire fabric.

The stays and strands in Monarch fence are made from full grade, thoroughly well galvanized wire. Only the very best grade of spelter is used, insuring the highest class of galvanized wire that will give maximum resistance against rust. The knot is neat and compact and

will not slip with the fence under proper tension.



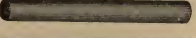

The line wires are well crimped to meet all weather changes, and still keep the fence under live tension.

Monarch fence hinges under heavy pressure, but when the strain is removed it springs back into position again. Farmers preferring this type of construction are pleased with the trim appearance of this fence and the fact that it can be depended upon fully for both quality and service. Made in three weights—gauges 9, 11 and 12½—with either 6 or 12 inches between stay wires.

## Made in Three Weights

Top		No. 9 Gauge
Bottom		No. 9 Gauge
Stays		No. 9 Gauge
Strands		No. 9 Gauge

**Style No. 9**—An all No. 9 fence is the heaviest practical fence made. Meets every requirement for strength and long service. Especially desirable for stock and hog lots, or small pastures.

Top		No. 10 Gauge
Bottom		No. 10 Gauge
Stays		No. 12½ Gauge
Strands		No. 12½ Gauge

Top		No. 9 Gauge
Bottom		No. 9 Gauge
Stays		No. 11 Gauge
Strands		No. 11 Gauge

**Style No. 11**—A mediumly heavy stock fence almost universally in use. Preferable to No. 9 mainly because of its lower cost. Stands up against all strains at any point about the farm.

**Style No. 12½**—A mediumly light fence used for enclosing pastures or fields where strains are lightest. Its comparatively low cost makes it a ready seller anywhere, especially where climatic conditions favor the lighter fences.

All packed in 20 and 40 rod rolls.

# Monarch Fence Pointers

The discerning farmer of today looks more to the quality of the wire he buys than he does to exact price. The cost of good fencing is becoming practically standard but the quality varies with almost every make.

Proper galvanizing and careful erection are two items that determine mainly the life of any wire fence. No matter how good the wire itself, rust will soon destroy it if the galvanizing is inferior in quality or carelessly applied.

Furthermore, no fence will give the longest possible service unless heavy, well braced, and deeply set end or corner posts are used. Stretch the fence up good and tight. In stapling every other wire to the line posts, leave a little room for play—

do not bind the fence to the posts. Thus, properly erected, Monarch fence will give you the longest possible service.

Examine the flexible joint used in Monarch fence, its well crimped strand wires, the quality of the galvanizing, in fact its careful construction throughout. You will be satisfied that this type of cut stay fence is second to none in quality and dependability.

All wire used in our fence is made in wire mills located right beside the fence factory. Carrying out all processes under one management—making the steel, rolling the rods, drawing out of wire, annealing it, applying the best grade of galvanizing, then weaving the wire into fence—insures a first class fence in every respect.

## MONARCH LIST PRICES

F. O. B. Mills—Ask for Current Discount.

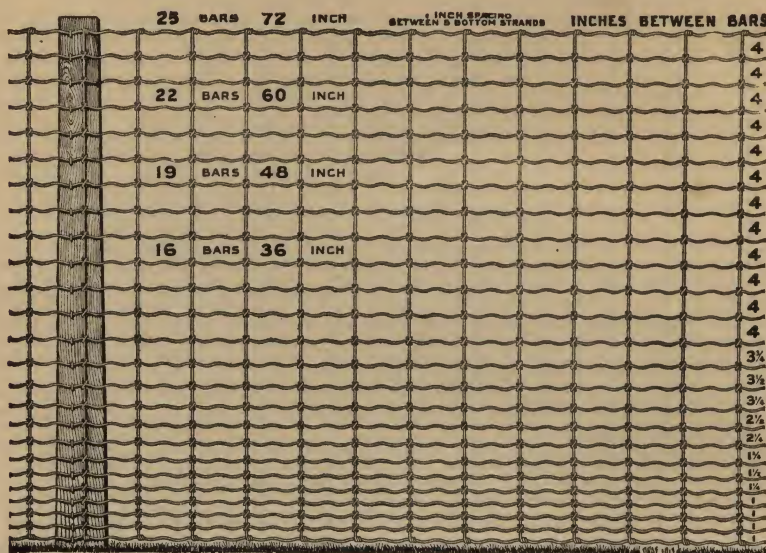
Style Number	Number Line Wires	Height	Between Stays	Gauge of Filler	Weight	List Price
M 726-12-12½	7	26	12	12½	492	\$ .61
M 726- 6-12½	7	26	6	12½	613	.80
M 832-12-12½	8	32	12	12½	559	.69
M 832- 6-12½	8	32	6	12½	706	.92
M 939-12-12½	9	39	12	12½	630	.77
M 939- 6-12½	9	39	6	12½	806	1.05
M 1047-12-12½	10	47	12	12½	705	.86
M 1047- 6-12½	10	47	6	12½	913	1.18
M 1155-12-12½	11	55	12	12½	782	.97
M 1155- 6-12½	11	55	6	12½	1026	1.33
M 726-12-11	7	26	12	11	695	\$ .79
M 726- 6-11	7	26	6	11	883	1.05
M 832-12-11	8	32	12	11	797	.90
M 832- 6-11	8	32	6	11	1023	1.22
M 939-12-11	9	39	12	11	904	1.02
M 939- 6-11	9	39	6	11	1174	1.40
M 1047-12-11	10	47	12	11	1016	1.14
M 1047- 6-11	10	47	6	11	1335	1.58
M 1155-12-11	11	55	12	11	1133	1.28
M 1155- 6-11	11	55	6	11	1506	1.79
M 726-12- 9	7	26	12	9	976	\$1.06
M 726- 6- 9	7	26	6	9	1283	1.48
M 832-12- 9	8	32	12	9	1135	1.23
M 832- 6- 9	8	32	6	9	1503	1.73
M 939-12- 9	9	39	12	9	1300	1.41
M 939- 6- 9	9	39	6	9	1739	2.00
M 1047-12- 9	10	47	12	9	1474	1.60
M 1047- 6- 9	10	47	6	9	1990	2.28
M 1155-12- 9	11	55	12	9	1655	1.80
M 1155- 6- 9	11	55	6	9	2257	2.58

Strong — Economical — Durable — Perfect Hinge





# Blue Ribbon Poultry Fence—Heavy



## NO. 14 GAUGE POULTRY

This is a real fence—stretches up tight and trim, without top or bottom boards and will not sag or bag. Fewer posts are required than for netting and it lasts several times as long.

It turns the ordinary chicks as well as stray animals that ravage the chicken pens. Although not a stock fence it turns any ordinary farm stock with ease, in case of emergency, owing to its closely spaced No. 14 gauge line wires.

The top wire is gauge No. 11, bottom No. 11 with No. 14 gauge filler wires.

### ACTUAL WIRE SIZE

Top		No. 11
Bottom		No. 11
Stays		No. 14
Strands		No. 14

### LIST PRICES

F.O.B. Mills—Discount to Trade  
Subject to Change Without Notice.

Design No.	Bars	High	Weight	List
1336-6-14	13	36 in.	660 lbs.	\$1.02
1548-6-14	15	48 in.	780 lbs.	1.20
1760-6-24	17	60 in.	900 lbs.	1.39

## NO. 15½ GAUGE POULTRY

This closely spaced poultry fence is built exactly like style No. 14 excepting its lighter gauge wires. The illustration above shows its close spacing.

This makes a cheaper fence than the 14, because of its lighter weight, although it is much heavier than netting and will last several times longer. It stretches up just like field fence, without top or bottom boards, so fewer posts are required than for netting. It will not sag or bag.

The top and bottom wires are gauge No. 12½, with No. 15½ gauge filler wires.

### ACTUAL WIRE SIZE

Top		No. 12½
Bottom		No. 12½
Stays		No. 15½
Strands		No. 15½

### LIST PRICES

F.O.B. Mills—Discount to Trade  
Subject to Change Without Notice.

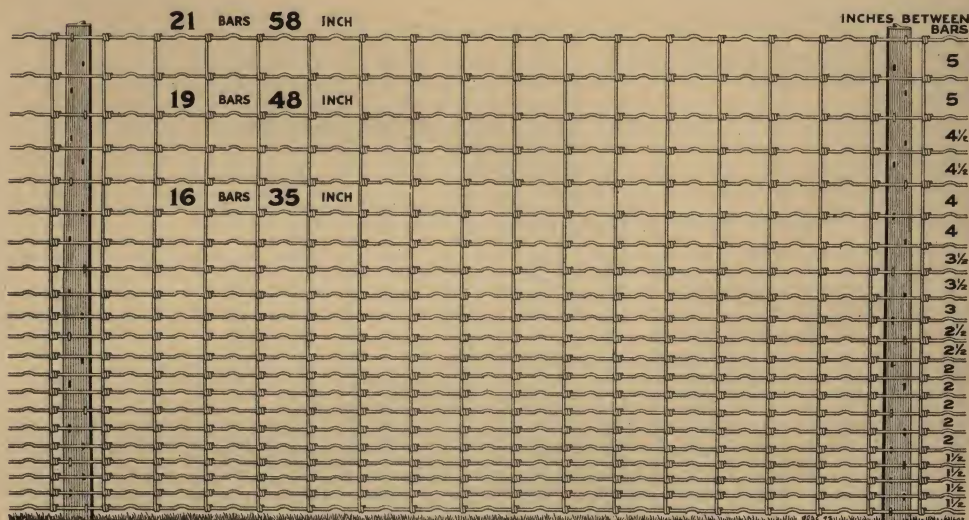
Design No.	Bars	High	Weight	List
1636-6-15½	16	36 in.	520 lbs.	\$ .97
1948-6-15½	19	48 in.	626 lbs.	1.16
2260-6-15½	22	60 in.	732 lbs.	1.36

**A REAL Poultry Fence**

**Stretches Like Field Fence**



# Monarch Poultry Fence



Monarch Poultry fence, as illustrated above, meets every requirement of the poultry raiser as to quality, looks and service of those who prefer the hinge joint type fabric.

Only open hearth steel wire is used in weaving this fence, carefully drawn and well galvanized to give maximum protection against rust.

The Keystone Steel & Wire Company at Peoria, manufacture Monarch fence from the raw material like pig iron, scrap iron, ore, etc., to the finished fence. By making their own steel, commencing with the big five thousand pound ingot, rolling it down step by step to the rod, and then drawing this rod into wire, they are in a position to furnish a uniform product in every respect.

One of the requisites of a trim looking fence of the hinge joint type is a compactly wrapped knot, with the ends bent in close to the line wires, thus doing away with the ragged appearance of some types of hinge joint fabric.

Another requisite of a fence that stretches easily and keeps a good live tension over a long period of time, regardless of weather changes, is one with deeply crimped line wires like Monarch fence.

While we ordinarily recommend a type of fence like "Square Deal," with its stiff, picket-like stay wires to hold the fence up in place, Monarch is so well crimped that, when tightly stretched, it will hinge under pressure, but come back into place again

when the pressure is removed. When the fence is well stretched between properly set end and corner posts, the stay wires will not slip on the line wires in ordinary use.

Monarch Poultry fence is closely enough spaced to turn all ordinary poultry, but for the wee small chick we would recommend the "Square Deal" type of fabric, with only 1" spacing at the bottom. As illustrated above, Monarch commences with one and one half-inches between line wires at the bottom and graduated on up to five inches at the top.

Monarch Poultry fence is made in three heights as shown in the illustration above. Top and bottom wires are gauge No. 11, filler wires gauge No. 14.

Packed in 10 and 20 rod rolls.

## ACTUAL WIRE SIZE

Top		No. 11
Bottom		No. 11
Stays		No. 14
Strands		No. 14

## LIST PRICES

F. O. B. Mills—Discount to Trade

Subject to Change Without Notice.

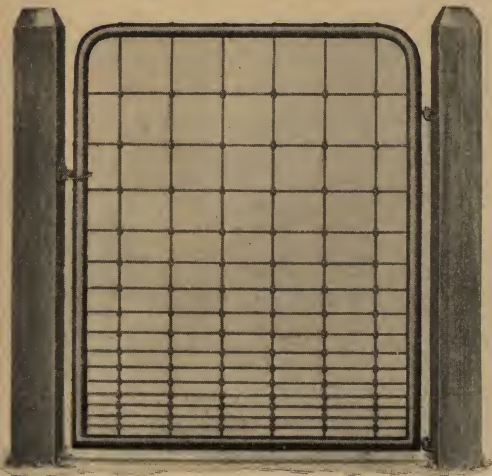
Design No.	Bars	High	Weight	List
1635-6-14	16	35 in.	767 lbs.	\$1.10
1948-6-14	19	48 in.	927 lbs.	1.33
2158-6-14	21	58 in.	1040 lbs.	1.49

A Compact Closely Wrapped Joint

Well Crimped Line Wires

# "Square Deal" Steel Gates

Actual Photograph



## LIST PRICES

F. O. B. Factory—Discount to Trade

### Walk Gates

Size	List	Size	List
3 x3 W...	\$ 3.60	4x3 W.....	\$ 3.90
3 1/2 x3 W...	3.75	4x3 1/2 W.....	4.05
		4x4 W.....	4.20

### Drive Gates

Size	List	Walk gates, above, indicated by letter "W", have 1 1/8 inch frame. Drive gates, marked "D", have 1 1/2 inch frame. These are outside measurements.
4 x10D.....	\$ 9.25	
4 x12D.....	10.25	
4 1/2 x10D.....	9.50	
4 1/2 x12D.....	10.50	
4 1/2 x14D.....	11.50	

Jointless steel frame, heavily galvanized. Square corners, steel reinforced unbreakable hinges welded to the gate frame. No screws, bolts or nuts used.

## A NEW GATE

These new farm and walk gates combine features that cannot be found in any other gate. For instance,

Not a screw, bolt or nut is used in the whole gate.

The heavy No. 9 filler is stretched tightly within a galvanized steel frame and welded into place.

All wires are No. 9 gauge. One inch between line wires at bottom, 6 inches between uprights.

Bottom corners are square, not round, so poultry cannot crawl through.

Hinges are not bolted to the gate but are solid steel parts of the gate itself, reinforced at point of contact.

Corners and hinges are pressed into place while under a white heat, so are doubly strong. They cannot work loose or break off.

Gate frames are one solid piece of steel, with square reinforced corners, pressed into shape while at a melting heat.

All gates more than 7 feet wide are braced in the middle with a flat steel bar that is welded direct to the gate frame. No danger of this gate sagging.

Spacing between stay wires in the walk gate is only 6 inches. Line wires at the bottom are one inch apart, allowing no toe hold for the children or room for the chicks to crawl out.

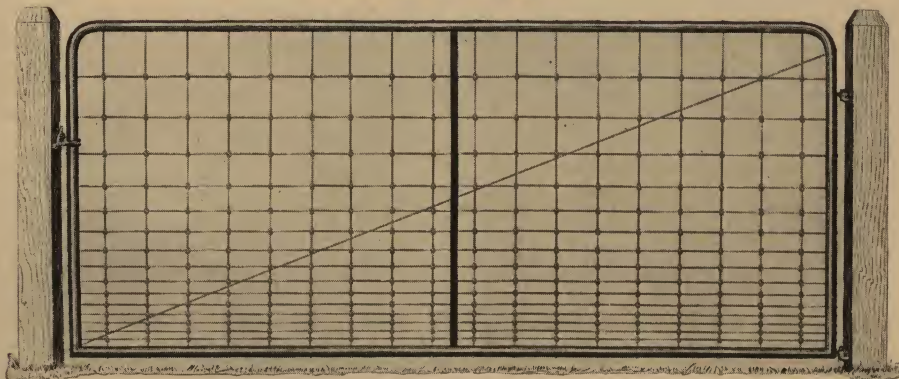
Square Deal Walk Gates are made from 1 1/16-inch steel gate tubing. Farm gates have 1 5/16-inch steel frame.

Made by

Keystone Steel & Wire Co., Peoria, Ill.

## The "Square Deal" Farm Gate

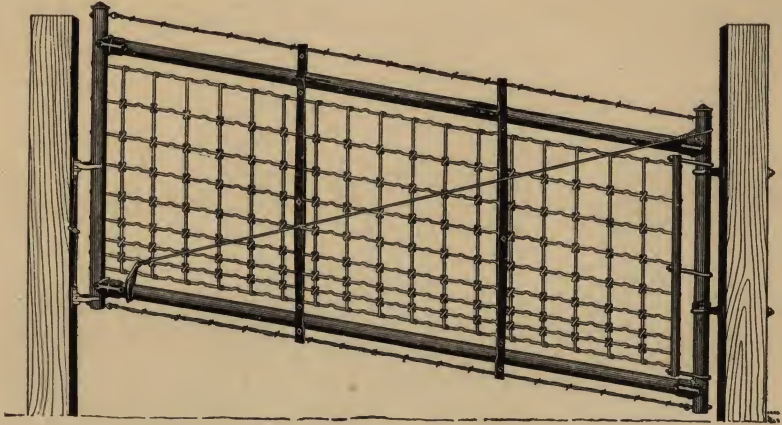
Actual Photograph





# The Keystone Tilting Gate

Operates in Four Positions



The modern tilting gate has made a place for itself and is here to stay. But the difficulty has been to produce a gate that is thoroughly practical, at a reasonable cost, that will give the maximum amount of service.

Necessarily flexible, the tendency of the average tilting gate has been to soon rack out of shape, break or fail to work satisfactorily.

We mention the above points to emphasize the aim kept constantly before the designers of the Keystone tilting gate—that of producing a thoroughly practical article, at a nominal cost, that will give years of satisfactory service.

The illustration clearly shows most of the important special features of the Keystone Tilting Gate.

Note that the filler is headed into place between two uprights, as per the illustration and in practically the same manner as in the Square Deal rigid gate.

The method of attaching the diagonal brace rod is new. Connecting directly with the lower frame bar, it enables the Keystone tilting gate to support many times the weight a gate can stand which has its brace bar connected directly with the upright frame bar.

The gate frame is made from 1½-inch extra heavy gate tubing. The 8 and 10 foot gates have one upright brace, consisting of two channels bolted together; 12 foot gates and up have two braces.

The joints in this gate are made from carefully fitted malleable castings, interchangeable. The hinge eye-bolts are welded, extra strong and reinforced by malleable iron collars.

The latch used on the Keystone tilting gate is exceptionally strong, comprised of two prongs mounted on a solid steel bar. This double latch opens very easily, and locks itself automatically with swing of gate. A decided improvement over ordinary latches—one that is substantial in every respect, and will not get out of order.

The Keystone tilting gate operates in four positions: First, as an ordinary gate; second, tilted as shown on the illustration above; third, it can be raised straight up about 18 inches to swing over snow and other obstructions; fourth, after raising about 18 inches, it can still be tilted as shown in the picture, making an opening large enough for hogs, sheep and other small animals to pass through.

## LIST PRICES

F. O. B. MILLS. DISCOUNT TO TRADE.

Height	Length of Opening	Wt.	List Price
4 feet	10 feet	90	\$11.85
4 feet	12 feet	100	13.25
4 feet	14 feet	110	14.65
4 feet	16 feet	122	16.05
4½ feet	8 feet	88	10.80
4½ feet	10 feet	98	12.20
4½ feet	12 feet	112	13.60
4½ feet	14 feet	123	15.00
4½ feet	16 feet	135	16.40

## Keystone Barbed Wire

The two brands of barbed wire illustrated below are manufactured within the Keystone mills, from wire of their own manufacture.

The steel from which this wire is drawn is produced in their own open-hearth steel mills so they guarantee a highest class product. Goods not perfect in every respect will be promptly replaced or made right.



Keystone "Defender" brand of barbed wire has a two point round barb, wrapped twice around one of the strands. "Defender" brand is put up in both catch weight and eighty rod spools, in hog and cattle specifications. 80 rod spools have

No. 12½ gauge strands; catch weight spools, No. 12 strands each with No. 14 barbs. Furnished either galvanized or painted. 80 rod spools weigh 85 pounds for hog wire. 80 pounds for cattle spacing.



Keystone "Arrow Brand" barbed wire has number fourteen gauge strands and number sixteen barbs. Barbs are round and wrapped twice around one of the strands. "Arrow Brand" barbed wire is

put up only in 80 rod spools, galvanized or painted, in either hog or cattle specifications. 80 rod hog spools weigh 56 pounds. Cattle, 53 pounds.

**WIRE NAILS**—A complete stock of all standard sizes and styles for ordinary fencing and building purposes. Prices as per current base, plus advances shown on "advance" table herewith.

**STAPLES**—Fence staples are made from No. 9 wire, either bright or galvanized, in the following lengths: ⅞ inches 1", 1⅛", 1¼", 1½", 1¾" and 2". Poultry staples are gauge No. 14, galvanized, in ¾" length only. Current market prices.

**SMOOTH WIRE**—Wrapped in 100 lb. or Cwt. coils, standard sizes, annealed or galvanized. Two-ply cable wire, in spools, either 80 rod or catchweight sizes. 80 rod spools, gauge No. 12½; catchweight spools, 12 and 14 gauge; painted or galvanized. Current market prices.

### NAIL ADVANCES FOR SIZE

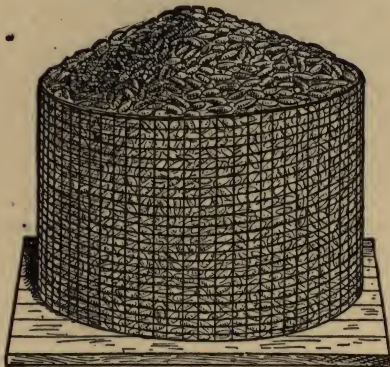
Size	Common	Brads	Shingle	*Box	Cas- ing	Fin- ishing
2d.....	1.45	1.50	...	1.65	1.70	2.00
3d.....	1.15	1.20	.90	1.30	1.35	1.55
4d.....	.80	.85	.70	1.05	1.10	1.25
5d.....	.75	.80	.65	1.00	1.05	1.20
6d.....	.60	.65	.60	.70	.75	1.00
7d.....	.55	.60	...	.65	.70	.70
8d.....	.30	.35	...	.45	.50	.60
9d.....	.30	.35	...	.45	.50	.60
10d.....	.20	.25	...	.30	.35	.45
12d.....	.15	.20	...	.25	.30	.40
16d.....	.10	.15	...	.15	.20	.25
20d.....	Base	.05	...	.05	.10	.15
30d.....	Base	.05	...	.05	.10	...
40d.....	Base	.05	...	.05	.10	...
2d Fine		1.95 extra				
3d "		1.35 "		* Smooth		
4d "		1.05 "				
3d Ex. Fine		1.55 "				

Galvanized Wire Nails \$2.25 per 100 lbs. extra over the cost of polished nails.

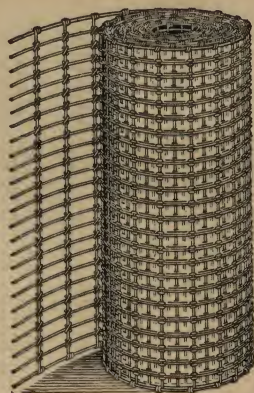


# "Square Deal" Corn Cribbing

*Line wires only two inches apart, hence the extra strength. No. 12½ top and bottom, No. 14 filler. Packed in complete cribs, or ten rod rolls. Ten rod rolls are 12½ gauge fabric, line wires 4 inches apart.*



"Square Deal" Cribbing in Complete Cribs or 10 Rod Rolls



"Square Deal" cribbing has more than the usual number of line wires, spaced only two inches apart in the complete crib and four inches in rolls to put additional strength where strains are heaviest.

There are many advantages in using steel corn cribbing, not appreciated by the average farmer, just because his attention has never been called to the following points:

1—Made entirely of steel, they are easily erected and easily taken down. One man can quickly handle such a crib, without the loss of time and the hard labor necessary to erect a wooden structure.

2—No wood to hold moisture and damage the corn. Rats, mice and other small rodents cannot find shelter around the steel crib. When necessary to cover the corn, a canvas or tarpaulin quickly serves the purpose.

3—Its low cost is another important point; it is less expensive to commence with and lasts considerably longer than wood.

After "Square Deal" cribbing has served its purpose for storing corn, it can be used for chicken pens, temporary wheat or oat bins, (using a canvas or a bundle lining), etc.

"Square Deal" cribbing is also packed in ten rod rolls, to be used either for

fencing or cut up into cribs. Because of its uniform mesh and close spacing, it is quite frequently used for fencing, especially around yards or close to the house. The ten rod rolls come in the four foot height.

## COMPLETE CRIBS—List Prices F. O. B. Mills—Discount to Trade

Height of Sections	Style No.	Diam. of Crib	No. of Sections	Capacity of Crib	Price per Crib	Ship. Wt. per Crib
48 in.	No. 75L	11'8"	Two	400 bu.	\$11.76	63 lbs.
48 in.	No. 50L	15'6"	One	400 bu.	7.77	41 lbs.
48 in.	No. 75H	11'8"	Two	400 bu.	14.25	85 lbs.
48 in.	No. 50H	15'6"	One	400 bu.	9.50	56 lbs.

## 10 ROD ROLLS—List Prices

Height	Style Number	Sections per Roll	Capacity per Sec'n	List per Rod	Ship. Wt. per Roll
48 in.	2548-4-14	4	220 bu.	\$2.57	140 lbs.
48 in.	1348-2-12½	4	220 bu.	3.18	189 lbs.

**Note**—The sections cut from a ten rod roll may be used separately or set one above the other. Two of the 48 inch sections have a capacity of approximately 425 bushels of ear corn.

To erect, bring the ends of a section together and splice the line wires firmly. When using a two section crib it is well to fill the lower section first then set the second section on top the first.

"Square Deal" Cribbing, with its close, uniform spacing, makes a neat lawn fence.

# Horse, Cattle and Sheep Fence



When used as a Sheep fence this fabric should be set about 10 inches above the ground. For enclosing horses and cattle the 46 inch height is preferred, set close to the ground with one strand of barbed wire at the top.

Either style makes a good pasture or field fence, excepting where hogs are to be turned. It is not meant for hog fence, and should not be used for this purpose.

However, there are many places about the farm where hogs never come in contact with the fence, such as between certain fields or around larger pastures. With the same spacing as regular field fencing at the top, which ordinarily receives all strains from horses or cattle, it takes the place very satisfactorily of the more expensive and more closely spaced fabric.

Many farmers will prefer this type of fence, because they can get the heavier fabric in the wider spacing, at the same or less cost than the light fabric in the regular specifications, yet it will meet every requirement of the ordinary fence with the single exception of turning hogs.

This wide spacing fence for enclosing horses, cattle and sheep is made in three different weights; with No. 9, No. 11, and No. 12½ gauge fillers. It is made in two heights only, 35 inches and 45 inches, with 12 inches between stay wires.

The top and bottom cables are the same gauge as the regular hog and field fence, with the same weight of filler; in fact the spacing is identically the same as in the regular hog and field fence, counting from the top down. That is, the 35-inch height in the No. 9 filler is the same as regular No. 9 fence, with five line wires left off at the bottom, and three off the bottom for the 45-inch height.

**Spacing.** Commencing at the bottom, the spacing between line wires are 6, 6, 7, 8 and 8 inches respectively, in the 35 inch height, with two more wires added at the bottom for the 45 inch height.

## LIST PRICES

**F. O. B. Mills. Discount to Trade.**  
**Subject to change without notice.**

Style Number	Wt. per 100 Rods	Price per Rod
M635-12- 9	954	\$1.02
M845-12- 9	1261	1.34
M635-12-11	684	.76
M845-12-11	882	.98
M635-12-12½	483	.59
M845-12-12½	614	.74

## ABOVE STYLE NUMBERS

The style numbers above express the following points in their logical order; number of lines wires—height of fence— inches between stay wires—size of stay and strand wires.

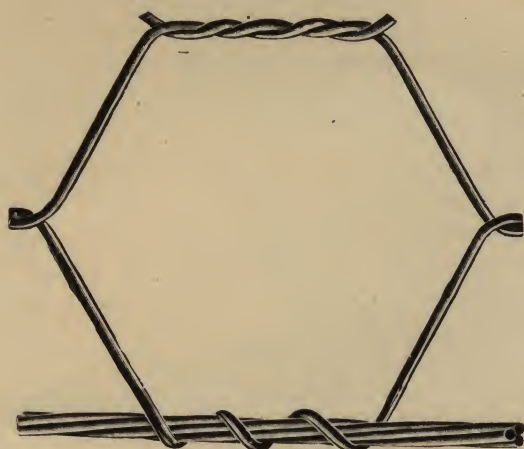
For instance, style No. 635-12-9, listed at \$1.02 per rod, means: 6 line wires, 36 inches high—12 inches between stay wires—stays and strands made from No. 9 wires.

**A Special Fence for Sheep**

**Also Turns Horses and Cattle**



# Hexagon Poultry Netting



2-inch Mesh

Galvanized  
Before  
Weaving



1-inch Mesh

Our poultry netting is made from specially selected steel, fabricated and galvanized by the latest improved processes. The rolls are compact and save space in shipping and storage. It rolls out flat and stretches up evenly. Guaranteed full length, 150 linear feet.

In ordering specify width of roll and size of mesh.

Carried in stock in the widths shown below in rolls 150' long.

Special widths up to 96" can be made upon special order.

## List Prices on One Roll 150' Long.

(See our wire products net price list for discount and net prices.)

Width in Inches	1-inch Mesh—20-Wire		2-inch Mesh—19-Wire		Square Feet Per Roll
	List Price	Weight Per Roll	List Price	Weight Per Roll	
12	\$4.95	18 lbs.	\$2.48	13 lbs.	150
18	7.12	25 lbs.	3.56	18 lbs.	225
24	9.08	33 lbs.	4.54	23 lbs.	300
30	10.83	40 lbs.	5.42	28 lbs.	375
36	12.38	47 lbs.	6.19	32 lbs.	450
42	14.44	54 lbs.	7.22	37 lbs.	525
48	16.50	62 lbs.	8.25	42 lbs.	600
60	20.63	77 lbs.	10.32	51 lbs.	750
72	24.75	90 lbs.	12.38	61 lbs.	900

# Standard Wire Nails and Staples (In Kegs)

## COMMON NAILS

Size	Length	Gauge	Approximate No. per lb.
2d	1"	15	876
3d	1 1/4"	14	568
4d	1 1/2"	12 1/2	316
5d	1 3/4"	12 1/2	271
6d	2"	11 1/2	181
7d	2 1/4"	11 1/2	161
8d	2 1/2"	10 1/4	106
9d	2 3/4"	10 1/4	96
10d	3"	9	69
12d	3 1/4"	9	63
16d	3 1/2"	8	49
20d	4"	6	31
30d	4 1/2"	5	24
40d	5"	4	18
50d	5 1/2"	3	14
60d	6"	2	11

## GALVANIZED COMMON NAILS

2d	1"	15	876
3d	1 1/4"	14	568
4d	1 1/2"	12 1/2	316
6d	2"	11 1/2	181
8d	2 1/2"	10 1/4	106
10d	3"	9	69

## SMOOTH BOX NAILS

3d	1 1/4"	14 1/2	635
4d	1 1/2"	14	473
5d	1 3/4"	14	406
6d	2"	12 1/2	236
7d	2 1/4"	12 1/2	210
8d	2 1/2"	11 1/2	145
9d	2 3/4"	11 1/2	132
10d	3"	10 1/2	94

## BLUED COMMON NAILS

2d	1"	15	876
3d	1 1/4"	14	568

## CASING NAILS

Size	Length	Gauge	Approximate No. per lb.
4d	1 1/2"	14	473
6d	2"	12 1/2	236
8d	2 1/2"	11 1/2	145
10d	3"	10 1/2	94

## FINISHING NAILS

3d	1 1/4"	15 1/2	807
4d	1 1/2"	15	584
6d	2"	13	309
8d	2 1/2"	12 1/2	189
10d	3"	11 1/2	121
16d	3 1/2"	11	90

## FINE NAILS

2d	1"	16 1/2	1351
3d	1 1/8"	15	778
3d Galv.	1 1/8"	15	778
3d Blued	1 1/8"	15	778
ex. fine 3d Blued	1 1/8"	16	1015

## GALVANIZED SHINGLE NAILS

3d	1 1/4"	13	429
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## ANNEALED CLINCH NAILS

6d	2"	11	157
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## STANDARD BARBED ROOFING

### NAILS—GALVANIZED

7/8"	7/8"	12	469
1"	1"	12	411
1 1/4"	1 1/4"	11	251
1 1/2"	1 1/2"	10	176
1 3/4"	1 3/4"	10	151

## \*LARGE HEAD BARBED ROOFING NAILS—BRIGHT

(\*Stocked in Galvanized according to demand.)

Size	Length	Size of Head	Gauge	Approximate No. per lb.
1"	1"	7/16"	10	224
1 1/4"	1 1/4"	7/16"	10	183
1 1/2"	1 1/2"	7/16"	10	154
1 3/4"	1 3/4"	7/16"	10	133

## LARGE HEAD FELT ROOFING NAILS—BRIGHT

7/8"	7/8"	5/8"	12	195
1"	1"	5/8"	12	180

## POLISHED WIRE FENCE STAPLES

1"	1"	9	108
1 1/8"	1 1/8"	9	96
1 1/4"	1 1/4"	9	87
1 1/2"	1 1/2"	9	72
1 3/4"	1 3/4"	9	65

## CEMENT COATED NAILS (Coolers)

Size	Length	Gauge	Weight of Keg	Nails in Keg
4d	1 3/8"	14	61 lbs.	29,800
5d	1 5/8"	13 1/2	70 lbs.	25,500
6d	1 7/8"	13	65 lbs.	17,900
7d	2 1/8"	12 1/2	72 lbs.	15,300
8d	2 3/8"	11 1/2	71 lbs.	10,100
10d	2 7/8"	11	63 lbs.	6,600
16d	3 1/4"	9	80 lbs.	4,900
20d	3 3/4"	7	83 lbs.	3,100



# CONCRETE ENGINEERING COMPANY

## STEEL AND WIRE DIVISION

### OMAHA

## DEALERS NET PRICE LIST ON WIRE PRODUCTS

### WAREHOUSE SHIPMENTS

See pages 1A to 12A of our catalogue

Subject to change without notice

APRIL 21, 1924

### SPECIAL TERMS

On fence, netting, gates, barb wire, smooth wire or nails: regular, 2% discount for cash in 10 days, 60 days net; special on large orders (except nails and smooth wire,) 5% discount for cash in 10 days, 60 days net.

### MONARCH HOG AND FIELD FENCE

#### No. 14 Fence, 11 Gauge Top and Bottom, 14 Gauge Filler

PER 100 RODS

STYLES	F.O.B. Des Moines	F.O.B. Omaha or Sioux City	Weight
726 - 6 - 14	\$27.84	\$28.80	418
832 - 6 - 14	31.76	32.85	478

#### No. 12½ Fence, 10 Gauge Top and Bottom, 12½ Gauge Filler

726 - 12 - 12½	\$26.54	\$27.45	495
726 - 6 - 12½	34.80	36.00	621
832 - 12 - 12½	30.02	31.05	564
832 - 6 - 12½	40.02	41.40	715
939 - 12 - 12½	33.50	34.65	635
939 - 6 - 12½	45.68	47.25	817
1047 - 12 - 12½	37.41	38.70	711
1047 - 6 - 12½	51.33	53.10	932
1156 - 12 - 12½	42.20	43.65	789
1156 - 6 - 12½	57.86	59.85	1039

#### No. 11 Fence, 9 Gauge Top and Bottom, 11 Gauge Filler

726 - 12 - 11	\$34.37	\$35.55	706
726 - 6 - 11	45.68	47.25	904
832 - 12 - 11	39.19	40.50	810
832 - 6 - 11	53.07	54.90	1049
939 - 12 - 11	44.37	45.90	919
939 - 6 - 11	60.90	63.00	1204
1047 - 12 - 11	49.59	51.30	1034
1047 - 6 - 11	68.73	71.10	1370
1156 - 12 - 11	55.68	57.60	1153
1156 - 6 - 11	77.87	80.55	1545

#### No. 9 Fence, 9 Gauge Top and Bottom, 9 Gauge Filler

726 - 12 - 9	\$46.11	\$47.70	991
726 - 6 - 9	64.38	66.60	1312
832 - 12 - 9	53.51	55.35	1152
832 - 6 - 9	75.26	77.85	1538
939 - 12 - 9	61.34	63.45	1321
939 - 6 - 9	87.00	90.00	1780
1047 - 12 - 9	69.60	72.00	1498
1047 - 6 - 9	99.18	102.60	2037
1156 - 12 - 9	78.30	81.00	1682
1156 - 6 - 9	112.23	116.10	2310

ALL FIELD FENCES are spaced from the bottom up in inches: 3—3—3¼—4¾—5½—6—6—7—8 and 9 inches apart.

### BLUE RIBBON POULTRY FENCE

#### No. 17 Poultry, 15½ Gauge Top and Bottom, 17 Gauge Filler

PER 100 RODS

STYLES	F.O.B. Des Moines	F.O.B. Omaha or Sioux City	Weight
1424 - 4 - 17	\$30.04	\$30.70	295
1736 - 4 - 17	38.66	39.50	376
2048 - 4 - 17	45.60	46.63	458
2360 - 4 - 17	53.81	55.02	539
2672 - 4 - 17	61.60	62.99	621

Spaced from bottom up, 1—1—1—1—1½—1¼—1½—1¾—2—2¼—2½, etc.

#### No. 15½ Poultry, 12½ Gauge Top and Bottom, 15½ Gauge Filler

1636 - 6 - 15½	\$42.20	\$43.65	520
1948 - 6 - 15½	50.46	52.20	626
2260 - 6 - 15½	59.16	61.20	732
2572 - 6 - 15½	67.86	70.20	838

Bottom spacing and up: 1—1—1—1—1¼—1½—1¾—2¼—2½—3¼—3½—3¾—4—4, etc.

#### No. 14 Poultry, 11 Gauge Top, 12 Bottom, 14 Gauge Filler

1336 - 6 - 14	\$44.37	\$45.90	660
1548 - 6 - 14	52.20	54.00	780
1760 - 6 - 14	60.47	62.55	900

Bottom spacing and up, 1½—1½—1½—1¾—2—2¾—2¾—3¼—3¾—4¼—4¾—5½—6—6 inches, etc.

### MONARCH POULTRY FENCE

#### No. 11 Top and Bottom, No. 14½ Filler

1635 - 6 - 14½	\$43.94	\$45.45	705
1948 - 6 - 14½	53.07	54.90	849
2158 - 6 - 14½	59.60	61.65	950

Bottom spacing and up: 1½—1½—1½—1½—2—2—2—2—2½—2½—3—3½—3½—4—4—4½—4½—5—5.

### ECONOMY CORN CRIBS

PER CRIB

No. 50L Crib, 4'0" high	\$3.30	\$3.41	37
No. 75L Crib, 8'0" high	4.99	5.16	56
No. 50H Crib, 4'0" high	4.13	4.28	56
No. 75H Crib, 8'0" high	6.20	6.41	85
10-rod roll-H, 4'0" high	13.83	14.31	190

# HEXAGON MESH POULTRY NETTING

Galvanized Before Weaving

Net Price per 150' Roll

Height	F.O.B.		12"	18"	24"	30"	36"	42"	48"	60"	72"
1" Mesh	Omaha Sioux City	Lincoln or Des Moines	\$2.48	\$3.56	\$4.54	\$5.42	\$6.19	\$7.22	\$8.25	\$10.32	\$12.38
2" Mesh	Omaha Sioux City	Lincoln or Des Moines	1.24	1.78	2.27	2.71	3.10	3.61	4.13	5.16	6.19

## WALK, DRIVE AND TILTING GATES

### Walk Gates 1 1/8" Diameter Frame

		PER GATE		
STYLES		F.O.B. Des Moines	F.O.B. Omaha or Sioux City	Weight
3 x 3 W		\$2.42	\$2.44	17
3 x 3 1/2 W		2.53	2.55	19
3 1/2 x 3 W		2.53	2.55	19
3 1/2 x 3 1/2 W		2.63	2.66	20
4 x 3 W		2.63	2.66	20
4 x 3 1/2 W		2.73	2.76	22
4 x 4 W		2.84	2.87	24
5 x 3 W		2.83	2.87	23
5 x 3 1/2 W		2.94	2.97	24

### Drive Gates, 1 5/8" Diameter Frame

4 x 8 D	\$6.03	\$6.12	56
4 x 10 D	6.78	6.88	69
4 x 12 D	7.53	7.65	78
4 1/2 x 10 D	6.96	7.06	69
4 1/2 x 12 D	7.71	7.84	81
4 1/2 x 14 D	8.46	8.60	92
4 1/2 x 16 D	9.21	9.37	103
5 x 10 D	7.17	7.29	76
5 x 12 D	7.93	8.06	88

### Tilting Gates, 1 5/8" Diameter Frame

4 x 10 T	\$9.30	\$9.43	90
4 x 12 T	10.39	10.54	100
4 x 14 T	11.49	11.65	110
4 x 16 T	12.59	12.77	122
4 1/2 x 8 T	8.50	8.63	88
4 1/2 x 10 T	9.59	9.74	98
4 1/2 x 12 T	10.70	10.87	112
4 1/2 x 14 T	11.80	11.99	123
4 1/2 x 16 T	12.91	13.11	135

All gates are specified Height first followed by Width. Distance between posts should be the same as width of gates given. Extra charge for steel post attachments.

## CATCHWEIGHT SPOOLS

### BARBED WIRE

#### Defender (Standard)

		PER 100 POUNDS		
STYLES		F.O.B. Des Moines	F.O.B. Omaha or Sioux City	Weight
2 Pt.Hog or Cattle Galv.		\$1.85	\$1.90	103
2 Pt.Hog or Cattle Ptd.		4.50	4.55	103

## 80-ROD SPOOLS BARBED WIRE

### Defender (Standard)

		PER SPOOL		
STYLES		F.O.B. Des Moines	F.O.B. Omaha or Sioux City	Weight
2 Pt Hog. Galv.		\$4.18	\$4.34	85
2 Pt. Cattle Galv.		3.91	4.10	80
2 Pt. Hog Ptd.		3.89	4.05	85
2 Pt. Cattle Ptd.		3.64	3.83	80

## NAILS—STAPLES—SMOOTH WIRE

Base Price per 100 lbs.

SPECIFICATIONS	Net Price F.O.B. Omaha or Sioux City	Shipping Weight
**Wire Nails . . . . .	\$4.10	108
Polished Staples . . . . .	4.55	108
Poultry Staples, Galvanized.	6.90	108
**Bright Hard Wire . . . . .	4.00	100

\*\*Standard extras for size and galvanizing, per 100 lbs. over the base price.

Note: See our Catalogue for Nail Extras.

### Cement Coated Nails

Base price per keg . . . . . \$3.60

## STANDARD EXTRAS

### For Size and Galvanizing

#### Smooth Wire—per 100 lbs.

GAUGE	SIZE	GALV.	TOTAL
6	Base	\$0.75	\$0.75
7	Base	.75	.75
8	Base	.75	.75
9	Base	.60	.60
10	\$0.05	.60	.65
11	.10	.60	.70
12	.15	.65	.80
12 1/2	.15	.65	.80
13	.25	.70	.95
14	.35	.80	1.15
15	.55	.90	1.45
15 1/2	.60	.90	1.50
16	.75	.90	1.65
17	1.00	1.00	2.00
18	1.50	1.00	2.50



# Ceco Steel Drive Fence Posts

"SET LIKE A SPIKE—STAND SECURE"

Unless you have installed Ceco Steel Posts, you will be surprised to know how economical they are. The first cost is usually no more than a good wood post—often less. You save on the haul, and in the handling. A bundle of five Ceco Posts is hardly more cumbersome than a single wood or concrete post. The big saving comes when you put them in. Two to four hundred Ceco Posts can be driven in a day while you will be digging holes for thirty-five to fifty wood posts. A lot of hard work and many days' time is saved. No repairing is necessary. They cut 90% of the time and money you spend in repairing old fences. And when you consider that every Ceco Post is guaranteed to outlive and outlast the heaviest wire fencing, and that every post is absolutely flawless, you can't afford to use any other post. The United States Department of Agriculture has reported the average life of ordinary wood posts as being only about eight years. And their estimate for the life of steel posts is 29.9 years—nearly four times as long as ordinary posts. Drive Ceco Posts alternately between the wood posts that are beginning to rot out. Attach the fencing and remove the wood posts. You can thus prolong the life of your present fences and gradually make them permanent.

Ceco Posts are manufactured in two styles, the Slotted or Punched angle and tee Post, and the popular Studded Tee Post. The punched posts weigh slightly less than the Studded Tee posts and are slightly lower in cost. Both have the sharp point and can be driven down in any soil with a sledge as you would a spike.

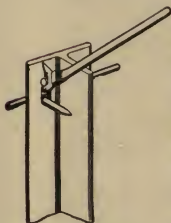
Both styles are rolled from rail steel, the same steel used to roll railroad rails. They are given a heavy protective coating of red color paint, pleasing to the eye.

Fencing is applied to the Punched Post by means of ordinary staples, placed over the line wires, passed through the oval holes in the face of the post, with the legs of the staples clinched up and down on the back of the post. The staples should not be too tightly clinched, so as to allow for the play of the wire when expanding or contracting with the weather. We furnish at small cost the handy stapling tool which enables one man to quickly and securely attach the fence to the Punched Post.

The Studded Tee Post offers another method of attaching the fence, thought by many to be superior to the method used with the Punched Post. A No. 10 gauge galvanized wire tie is looped over the fence wire and around the post, then locked into place at the back of the post with a hammer. It is believed that this method is more flexible and less likely to give away under strain. It is quickly applied and can be as easily removed with pliers and used again. The studs on Ceco Studded Tee Posts offer a secure anchorage for this tie which cannot slip over the stud as it does with other types of studded posts. There is also a continuous rib of extra steel rolled into the face of the post parallel to the stem which gives it added strength. It is the best post we know of, and like the Punched Post, carries our absolute guarantee.



Punched Tee Post



Attaching Staple to Punched Post



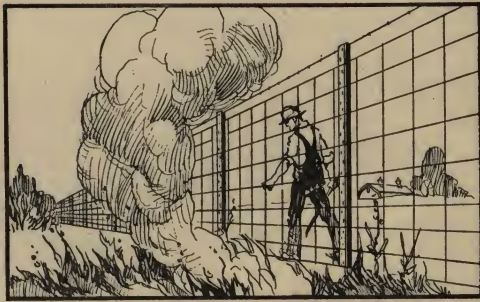
Studded Tee Post



Before Closing Tie on Studded Tee Post



Wood or concrete posts are non-conductors and lightning striking the fence wires, runs along the fence line, jumping to the stock. Ceco Posts are lightning rods—they ground your fence at every post.



Wind-driven weeds along fence lines can be burned without damaging Ceco Posts. Eliminate crop destroying insects and vermin by burning your fence lines.



## CECO POSTS ARE GUARANTEED

**B**ACK of every Ceco Steel Fence Post is our guarantee that they will not break, burn or rot in the fence line; free from defects in material and workmanship; will outlast the heaviest fencing made. We guarantee Ceco Posts to be exactly as represented in our literature and advertising. We authorize our retail agent to sell Ceco Posts under this guarantee and any post which does not do exactly what we claim for it, will be replaced by him without cost or argument.

CONCRETE ENGINEERING COMPANY

## THE LENGTH POST TO USE FOR DIFFERENT HEIGHTS OF FENCING

Use 5' line post for a fence 3' high.

Use 6' or 6½' line posts for a fence 4' high.

Use 6½' or 7' line posts for a fence 4½' high.

Use 7' or 7½' line posts for a fence 5' high.

Use 8' line posts for a fence 6' high.

A fence 3' high is usually a lawn fence; 6' usually poultry or garden; consequently two feet is ample depth to drive line posts for these types of fencing.

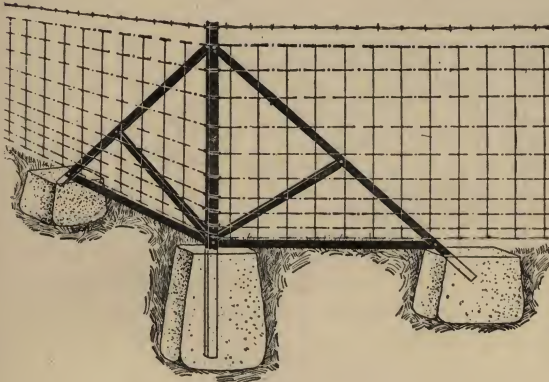
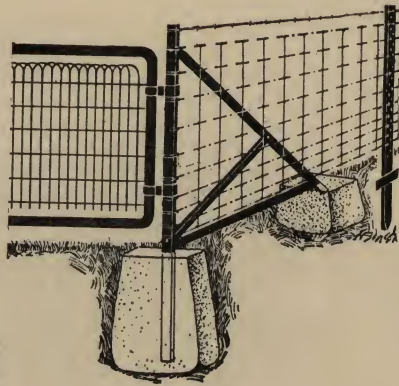
Use 8' end gate and corner posts with 5' to 7' line posts.

Use 9' end gate and corner posts with 7½' and 8' line posts.

See our Price List for sizes, weights, etc.

## HOW TO SET END AND CORNER POSTS

End, gate and corner posts, the foundation of an all-steel fence, are required to carry the entire stretch strain and also to absorb the weight of sudden shock or pressure at any point along the fence. The Line or Intermediate posts are intended only to hold the wire in proper position and keep it in good condition. Line Posts "give" or "spring" under pressure, distributing the brunt of the pressure up and down the fence line, and return to perfect alignment as pressure is removed.



These foundation posts should be set in concrete. Holes into which they are set should be pear shaped (larger at the bottom than at the top) to prevent frost heaving or lifting. The holes prepared for the upright members should be 18" x 18" square and from 36" to 42" deep. For braces, holes should be 18" x 20" and 18" deep. The best mixture of concrete for this purpose is one part cement, three parts sand and six parts stone or gravel.



# Concrete Engineering Co., Omaha

## Steel and Wire Division

### DEALERS NET PRICES ON CECO-STEEL POSTS

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

### L. C. L. DELIVERED PRICES

The prices given on Line \_\_\_\_\_ are freight allowed to your point

Prices are per 100 posts for less than 500.

Deduct \$1.00 for 500 to 1,000.

Deduct \$1.50 for 1,000 or more.

LINE NUMBER	5 FOOT STUDDED TEE	6 FOOT STUDDED TEE	6½ FOOT STUDDED TEE	7 FOOT STUDDED TEE	7½ FOOT STUDDED TEE	8 FOOT STUDDED TEE	EXTRA FASTENERS [PER 100]
1	\$28.58	\$33.51	\$35.98	\$38.43	\$40.91	\$43.35	\$0.21
2	28.95	33.94	36.45	38.93	41.44	43.91	.21
3	29.32	34.37	36.92	39.42	41.97	44.48	.21
4	29.68	34.80	37.38	39.92	42.50	45.04	.21
5	30.05	35.24	37.85	40.42	43.04	45.61	.21
6	30.41	35.67	38.31	40.92	43.57	46.17	.21
7	30.78	36.10	38.78	41.42	44.10	46.74	.21
8	31.15	36.53	39.25	41.92	44.63	47.31	.22
9	31.51	36.97	39.71	42.42	45.17	47.87	.22
10	31.88	37.40	40.18	42.92	45.70	48.44	.22
11	32.24	37.83	40.64	43.42	46.23	49.00	.22
12	32.61	38.26	41.11	43.92	46.76	49.57	.22
13	32.98	38.70	41.58	44.41	47.30	50.13	.22
14	33.34	39.13	42.04	44.91	47.83	50.70	.22
15	33.71	39.56	42.51	45.41	48.36	51.26	.22
16	34.07	39.99	42.97	45.91	48.89	51.83	.22
17	34.44	40.43	43.44	46.41	49.43	52.40	.22
18	34.81	40.86	43.91	46.91	49.96	52.96	.23
19	35.17	41.29	44.37	47.41	50.49	53.53	.23
20	35.54	41.72	44.84	47.94	51.02	54.09	.23
21	35.90	42.16	45.30	48.41	51.56	54.66	.23
22	36.27	42.59	45.77	48.91	52.09	55.22	.23
23	36.64	43.02	46.24	49.40	52.62	55.79	.23
24	37.00	43.45	46.70	49.90	53.15	56.35	.23
25	37.37	43.89	47.17	50.40	53.69	56.92	.23
26	37.73	44.32	47.63	50.90	54.22	57.48	.23
27	38.10	44.75	48.10	51.40	54.75	58.05	.23
28	38.47	45.18	48.57	51.90	55.28	58.62	.24
29	38.83	45.62	49.03	52.40	55.82	59.18	.24
30	39.20	46.05	49.50	52.90	56.35	59.75	.24
31	39.56	46.48	49.96	53.40	56.88	60.31	.24

See back side for prices on punched posts.

TERMS:

# DELIVERED PRICES ON PUNCHED POSTS

USE SAME LINE NUMBER AS SHOWN ON FRONT  
SAME QUANTITY DIFFERENTIALS

LINE NUMBER	6 FOOT ANGLE	6½ FOOT ANGLE	7 FOOT ANGLE	6 FOOT TEE	6½ FOOT TEE	7 FOOT TEE
1	\$27.49	\$29.47	\$31.46	\$31.73	\$34.06	\$36.35
2	27.85	29.87	31.88	32.14	34.50	36.83
3	28.22	30.26	32.31	32.55	34.94	37.30
4	28.58	30.66	32.73	32.95	35.38	37.77
5	28.95	31.05	33.15	33.36	35.82	38.24
6	29.32	31.44	33.57	33.77	36.26	38.71
7	29.68	31.84	33.99	34.18	36.70	39.18
8	30.05	32.23	34.42	34.59	37.14	39.65
9	30.41	32.63	34.84	35.00	37.58	40.12
10	30.78	33.02	35.26	35.41	38.02	40.59
11	31.15	33.41	35.68	35.81	38.46	41.06
12	31.51	33.81	36.10	36.22	38.90	41.54
13	31.88	34.20	36.53	36.63	39.34	42.01
14	32.24	34.60	36.95	37.04	39.78	42.48
15	32.61	34.99	37.37	37.45	40.22	42.95
16	32.98	35.38	37.79	37.86	40.66	43.42
17	33.34	35.78	38.21	38.27	41.10	43.89
18	33.71	36.17	38.64	38.67	41.54	44.36
19	34.07	36.57	39.06	39.08	41.98	44.83
20	34.44	36.96	39.48	39.49	42.42	45.30
21	34.81	37.35	39.90	39.90	42.86	45.77
22	35.17	37.75	40.32	40.31	43.30	46.25
23	35.54	38.14	40.75	40.72	43.74	46.72
24	35.90	38.54	41.17	41.12	44.18	47.19
25	36.27	38.93	41.59	41.53	44.62	47.66
26	36.64	39.32	42.01	41.94	45.06	48.13
27	37.00	39.72	42.43	42.35	45.50	48.60
28	37.37	40.11	42.86	42.76	45.94	49.07
29	37.73	40.51	43.28	43.17	46.38	49.54
30	38.10	40.90	43.70	43.58	46.82	50.01
31	38.47	41.29	44.12	43.98	47.26	50.48

Prices on other lengths quoted upon inquiry.

Carload prices quoted upon inquiry.



# CONCRETE ENGINEERING CO., OMAHA

## STEEL AND WIRE DIVISION

### Dealers' Net Prices on Ceco Tubular End Posts and Braces

March 1, 1924

#### CECO STEEL FENCE POST BRACES

						Per brace, f.o.b. Omaha		
						Plain	Pointed	Formed
2 1/4"x	8'	—Painted red,	Weight	20 Pounds	.....	\$0.48	\$0.52	\$0.58
2 1/4"x	9'	" " " "	"	24 "	.....	.54	.58	.64
2 1/4"x	10'	" " " "	"	28 "	.....	*.59	*.63	*.69
2 1/4"x	12'	" " " "	"	36 "	.....	.70	.74	.80

#### CECO STEEL END AND CORNER POSTS

(Furnished with necessary bolts for braces)  
(End Posts drilled with holes to receive gates)

						Per Post f.o.b. Omaha	
3" x	7'	—Painted red,	Weight	28 Pounds	.....	\$1.05	
3" x	8'	" " " "	"	32 "	.....	1.20	
*3 1/4"x	8'	" " " "	"	35 "	.....	1.35	
3 1/4"x	7'	" " " "	"	30 "	.....	1.15	
3 1/2"x	7'	" " " "	"	36 "	.....	1.25	
3 1/2"x	8'	" " " "	"	41 "	.....	1.45	
4" x	7'	" " " "	"	42 "	.....	1.45	
4" x	8'	" " " "	"	48 "	.....	1.60	
5 1/2"x	7'	" " " "	"	54 "	.....	2.05	
5 1/2"x	8'	" " " "	"	62 "	.....	2.30	

#### TUBULAR BUILDING COLUMNS

						f.o.b. Omaha	
						Columns Painted	Caps or Bases Painted
						Price per foot	Price each
3" diameter,	Weight	4 Pounds	per foot	.....		\$0.16	\$0.30
3 1/2" "	"	5 1/2 "	" " "	.....		.18	.40
4" "	"	6 1/2 "	" " "	.....		.22	.45
5 1/2" "	"	9 "	" " "	.....		.33	.75

#### CLOTHES LINE POSTS

With Ornamental Top, Two Arms and Ground Insert

2 1/4"x 10'—painted black, Weight 45 Pounds.....f.o.b. Omaha, \$3.00 each

#### LAWN FENCE GATE POSTS

Furnished aluminized with Ornamental Top

2 1/4"x 5', Weight 17 Pounds.....f.o.b. Omaha, \$1.35 each

#### JUMBO OVERSIZE END, CORNER AND GATE POSTS

3 1/2" and 4" uprights with 2 1/4" braces  
complete with bolts

						Price each f.o.b. Chicago	
7' Corner Posts,	Painted red,	Weight	84 Pounds	.....		\$2.75	
8' " " " "	" " " "	"	93 "	.....		2.85	
9' " " " "	" " " "	"	102 "	.....		3.00	
7' End and Gate Posts	" " " "	"	63 "	.....		2.10	
8' " " " "	" " " "	"	72 "	.....		2.25	
9' " " " "	" " " "	"	81 "	.....		2.35	

#### DIRT-SET FOUNDATION PLATES AND BOLTS

For Corner Posts—Add \$1.30 to above prices.  
For End and Gate Posts—Add \$1.00 to above prices.

One-Man Driver For Tee and Angle Line Posts.....f.o.b. Chicago, \$1.00 each

CONCRETE ENGINEERING CO. OMAHA  
STEEL AND WOOD WORK

REINFORCED CONCRETE  
AND  
STEEL  
WORK

1911 - 1912

REINFORCED CONCRETE

REINFORCED CONCRETE

REINFORCED CONCRETE

REINFORCED CONCRETE

REINFORCED CONCRETE

REINFORCED CONCRETE

REINFORCED CONCRETE

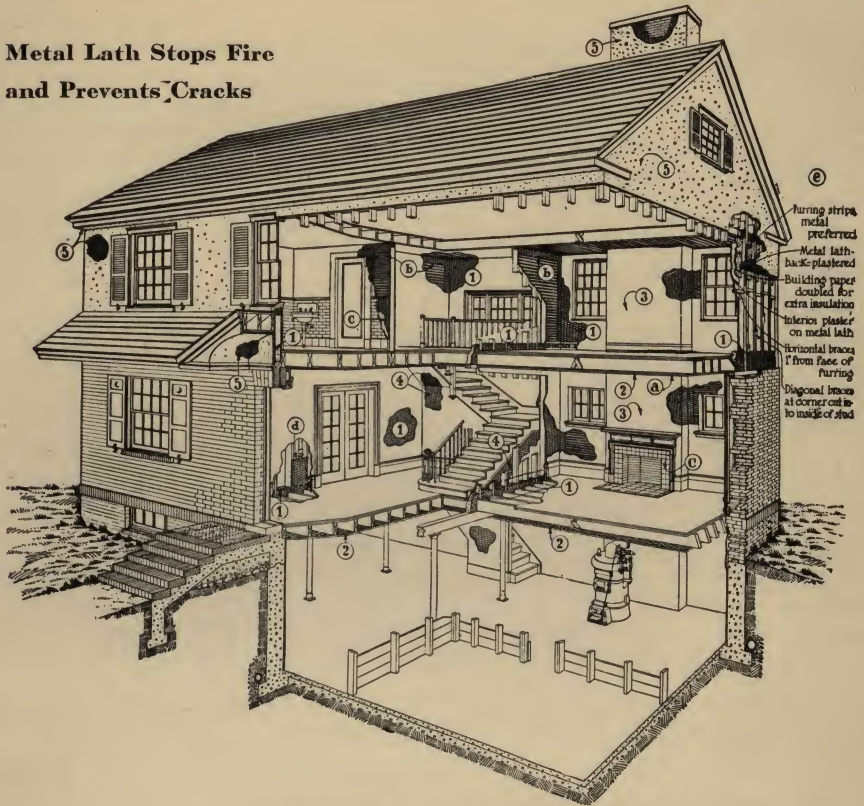
REINFORCED CONCRETE

REINFORCED CONCRETE



# Fireproof Lathing Materials

**Metal Lath Stops Fire  
and Prevents Cracks**



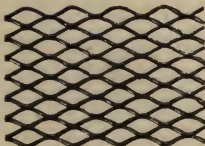
## METAL LATH

### Five Vulnerable Points Requiring Metal Lath For Fire Protection

1. All bearing partitions and studs in exterior walls including a basket to hold in-combustible material as a fire stop.
2. Ceilings under inhabited floors, especially over heating plants and coal bins.
3. At chimney breasts, around flues and back of kitchen ranges.
4. Stair-wells and under stairs.
5. As a base and reinforcing for exterior stucco.

### Metal Lath For Crack Prevention

- a. On ceilings of prominent rooms.
- b. Lap 6" on either side of wall and partition angles, and around door bucks.
- c. Back of wainscots and tile mantels.
- d. Across plumbing pipes and heat ducts.
- e. Showing proper construction of exterior stud walls for successful stucco.



Ceco Economy  
Metal Lath

In Ceco Metal Lath, weight for weight, heavier gauges of steel with wider strands are used, making it stiffer than other types of metal lath. The sheets lay flat due to their unusual rigidity, and require less plaster.

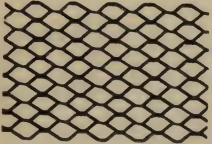
Ceco Economy Metal Lath costs less and is best adapted for ordinary plastering.

## FIREPROOF LATHING MATERIALS—Continued



Ceco Self-Furring  
Metal Lath

Ceco Self-Furring Metal Lath is corrugated so it may be applied directly to wood sheathing, permitting the plaster or stucco to key behind the lath, and providing reinforcing close to both surfaces of the stucco.



Ceco Quality  
Metal Lath

Ceco Quality Metal Lath is our best grade of lath. It is furnished in heavier weights, has a smaller diamond and requires less plaster. When you want the best there is in metal lath, order Ceco Quality Lath.

### SHIPPING DATA

	SIZE OF SHEETS	SHEETS PER BUNDLE	YARDS PER BUNDLE
<b>Economy Lath</b> —26-Gauge . . . . .	21"x 96"	9	14
24-Gauge . . . . .	22"x 96"	9	14 $\frac{2}{3}$
<b>Self-Furring Lath</b> —(Same as Economy Lath)			
<b>Quality Lath</b> —24, 26 and 27 Gauge . . . . .	24"x 96"	9	16

No bundles broken.

### Ceco CORNER BEAD



Strong and Rigid

All plastered corners should be protected with this bead. It is applied to the corner before plastering, acts as a guide for the plaster and effectively reinforces the corner against blows. Furnished galvanized in 6' to 12' lengths.

### Ceco LONG FLANGE CORNER BEAD

The ideal corner bead. The wings are 2 $\frac{1}{2}$ " wide, making the use of clips unnecessary. The metal is thoroughly distributed through the plaster, by means of the many perforations and crimped surface of the wings. Cracks are unknown when this bead is used on corners. The bead is exceptionally heavy and rigid, giving a straight, true corner, completely reinforced against blows. Furnished galvanized in 6', 7', 8', 9', and 10' lengths; shipped 1,000' per crate, weighing 340 pounds.



### Ceco BULL NOSE CORNER BEAD



When a round plastered corner is desired for sanitary purposes Ceco Bull Nose Corner Beads protect corners against blows, which would otherwise mar the rounded surface. They are used on columns, around windows and other openings, as well as ordinary wall corners. Furnished galvanized in 6' to 10' lengths,  $\frac{3}{4}$ " radius, 1" face.



## FIREPOOF LATHING MATERIALS—Continued

### *Ceco* INSIDE CORNER BEADS

This bead provides a straight ground for the plaster and reinforces the corners against the cracks so common in interior corners where wood lath is used. Furnished galvanized in 6' to 12' lengths.



### *Ceco* BASE BEADS



Plain

This bead is used to separate the cement or composition base from the wall plaster above. If it were not used a straight neat joint between the base and wall could not be obtained. Furnished galvanized in 10' lengths.



Curved

This bead is used for the same purpose as the plain base bead, except that the cement base may be extended out from the wall plaster above. Furnished galvanized in 10' lengths.

### *Ceco* METAL PICTURE MOLDING

A strong, sanitary and invisible picture molding is obtained by using this product. It is applied before plastering, and is practically invisible. Furnished galvanized in 10' lengths.



### *Ceco* COLD ROLLED CHANNELS



Channels are used to form the frame work to which metal lath is wired in erecting fireproof ceilings, partitions, etc. Furnished in 12', 14', 16', 18', and 20' lengths.

WIDTH	GAUGE	WEIGHT PER 1000'
$\frac{3}{4}$ "	18	208 lbs.
$\frac{3}{4}$ "	16	276 lbs.
1"	16	332 lbs.
$1\frac{1}{2}$ "	16	456 lbs.
2"	16	580 lbs.

### *Ceco* CORNER BEAD CLIPS

Ceco Corner Bead Clips when used with Ceco Corner Beads make the wings approximately  $2\frac{1}{2}$ " longer, and afford a substantial brace for them where the bead must be used to straighten up a brick or tile corner.

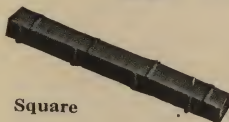
SEND FOR OUR HAND BOOK, "*How to Use Fireproof Lathing Materials*"

# Concrete Reinforcing Materials

## REINFORCING FOR CONCRETE

Concrete is strong in compression but weak in tension. Steel is embedded in the concrete to give it the required tensile strength. The following are recognized as the most economical and efficient reinforcing materials for concrete. If you don't know exactly what you require, send us complete information and our Engineering Department will tell you.

### *Ceco* REINFORCING BARS



Square



Round

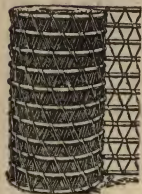
This product is rolled from new billet steel in round and square sizes with the deformations shown to give it added bonding strength with the concrete. The bars are furnished promptly from warehouse stock, cut to length and bent to specifications, in sizes  $\frac{1}{4}$ " to  $1\frac{1}{4}$ ", in lengths up to 60'. Our Engineering Department will give you the quantity and sizes required for any work.

Send us your list of bars and we will quote you a delivered price.

**Table of Sizes, Weights, Areas and Extras**

SIZE	ROUND BARS		SQUARE BARS		SIZE EXTRAS
	AREA	WEIGHT	AREA	WEIGHT	
$\frac{1}{4}$ "	.049	.167	.063	.212	\$1.00 per cwt.
$\frac{3}{8}$ "	.110	.376	.141	.478	.40 per cwt.
$\frac{1}{2}$ "	.196	.668	.250	.850	.20 per cwt.
$\frac{5}{8}$ "	.307	1.043	.391	1.328	.10 per cwt.
$\frac{3}{4}$ "	.442	1.502	.563	1.913	Base
$\frac{7}{8}$ "	.601	2.044	.766	2.603	Base
1"	.785	2.670	1.000	3.400	Base
$1\frac{1}{8}$ "	.994	3.380	1.265	4.303	Base
$1\frac{1}{4}$ "	1.227	4.172	1.563	5.313	Base

### TRIANGLE MESH CONCRETE REINFORCING



Triangle Mesh is widely used to reinforce concrete poured on the ground, namely, pavements, reservoirs, etc. The diagonal wires assist the longitudinal wires in carrying the load, and make it a decidedly economical and efficient reinforcing. Furnished in various styles and in rolls 16" to 56" wide and 150', 200', and 300' long.

Delivered prices quoted upon request.

### *Ceco* RIB REINFORCING



Ceco Rib Reinforcing is ideal for reinforcing plaster or light weight concrete work. The ribs make it extremely rigid so that it is economically used in plaster walls and ceilings with supports at wide centers. In light, thin concrete slabs for floors, roofs, etc., it acts as both reinforcing and formwork, eliminating the wood formwork ordinarily used.

Furnished in  $\frac{3}{4}$ " and  $\frac{5}{16}$ " deep ribs, and in 24, 26 and 28 gauges.

Prices quoted upon request.



# CONCRETE ENGINEERING COMPANY, OMAHA

## STEEL AND WIRE DIVISION

### Dealers Net Price List on Fireproof Lathing Materials

(See Pages 1C to 4C of our Catalogue.)

Subject to Change Without Notice

January 28, 1924

#### METAL LATH

Delivered Prices in Cents per Square Yard Black Painted Lath.

NAME	GAUGE	Wt. PER YARD	ZONE "B"		ZONE "D"		ZONE "E"		ZONE "F"	
			C.L.	L.C.L.	C.L.	L.C.L.	C.L.	L.C.L.	C.L.	L.C.L.
<b>Ceco Economy Metal Lath</b>	24	2.8 lbs.	21.43	23.40	22.53	24.97	C.L. prices quoted on inquiry	Add 3rd Class Frt Rate from Omaha to destination to Zone "B" L.C.L. prices	C.L. prices quoted on inquiry	Add 3rd Class Frt Rate from Omaha to destination to Zone "B" L.C.L. prices
	26	2.2 lbs.	18.16	19.57	19.03	21.37				
<b>Ceco Quality Metal Lath</b>	24	3.4 lbs.	24.50	26.55	25.81	28.57				
	25	3.0 lbs.	22.53	24.52	24.06	26.32				
	26	2.5 lbs.	19.91	21.60	21.00	23.17				
	27	2.3 lbs.	18.81	20.25	19.69	21.60				

**Note:**—Zone "B" includes the states of Iowa and Missouri, and the larger towns on the west bank of the Missouri River in Nebraska and Kansas, and Sioux Falls, South Dakota.

Zone "D" includes the states of Nebraska, Kansas and South Dakota, except the larger towns on the west bank of the Missouri River, and Sioux Falls where Zone "B" prices apply.

Zone "E" covers Colorado and North Dakota.

Zone "F" covers Wyoming, Utah, Montana, Idaho, Arizona and New Mexico. (See map on back of sheet.)

Add 1c per yard to Flat Lath prices for Corrugated Self-Furring Lath.

Add 2c per yard to above prices for Copper Iron Alloy Lath, painted red.

Add 6c per yard to above prices for Lath cut from Galvanized Sheets. Orders for less than one hundred yards sold f.o.b. our warehouse.

#### CORNER BEADS, BULL NOSE BEADS, ETC.

	WEIGHT PER 1,000 Ft.		PRICES PER 1,000 Ft. F.O.B. OMAHA
Ceco Corner Beads . . . . .	165 lbs.		\$24.00
Ceco Long Flange Corner Beads . . . . .	340 lbs.		46.00
Ceco Bull Nose Corner Beads . . . . .	275 lbs.		36.00
Ceco Inside Corner Beads . . . . .	215 lbs.		29.50
Ceco Base Beads, plain . . . . .	170 lbs.		21.00
Ceco Base Beads, curved . . . . .	200 lbs.		28.50
Ceco Metal Picture Molding . . . . .	235 lbs.		36.00
Ceco Cold Rolled Channels:			
Width Gauge Wt. Per 1,000'			
¾" 16	276 lbs.		\$14.55
1" 16	332 lbs.		17.35
1½" 16	456 lbs.		23.10
2" 16	580 lbs.		31.00
Ceco Corner Bead Clips, price per 1,000 pieces, weight, 30 lbs. . . . .			3.00

#### CONCRETE REINFORCING MATERIALS

(See Page 4-C of Our Catalogue.)

F.O.B. OMAHA

Deformed Reinforcing Bars, price per cwt., base—L.C.L. lots . . . . . \$3.40  
(Includes cutting to length—See Catalogue for Size Extras—Carload prices quoted upon inquiry.)

Triangle Mesh Concrete Reinforcing, See Catalogue. Prices quoted upon inquiry.

Ceco Rib Reinforcing, See Catalogue. Prices quoted upon inquiry.

TERMS—Lath, Beads, Channels, Mesh, Etc. . . . . 2-10-30  
Reinforcing Bars. . . . . 1½-10-30

